

FOXTEL iQ Remote

Advanced User Guide

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Introduction

The FOXTEL iQ Remote will enable you to:

1. Operate your FOXTEL iQ Service
2. Control the main functions of your television
3. Control other pieces of audio/visual equipment connected to your FOXTEL Service

This Advanced User Guide will provide you with easy-to-understand instructions on how to use the FOXTEL iQ Remote to control your television/audio/visual device by inputting Device Codes into the FOXTEL iQ Remote. These codes are provided in the back of this Guide. This will enable the FOXTEL iQ Remote to control almost any device!

If your device brand is not included or you are having difficulty entering the codes, you can "learn" the code into the FOXTEL iQ Remote.

Note: For information on using the FOXTEL iQ Remote to operate the FOXTEL Service, refer to the "FOXTEL iQ Guide" which was provided to you at your installation.

Batteries

The FOXTEL iQ Remote requires 2 new AA (LR6, UM3) alkaline batteries, when the batteries need replacing a message will appear on the FOXTEL Service and a battery low symbol will be in the i-Search banner.

To change the batteries:

1. Remove the battery cover by pushing back the catch at the bottom of the iQ Remote and then lift off the cover.
 2. Remove the old batteries
 3. Install two fresh AA (LR6, UM3) alkaline batteries as indicated by the illustration in the battery compartment. Be sure to match the + and – marks on the batteries to their respective marks inside the battery compartment.
 4. Replace the battery cover by inserting the tabs at the top of the battery cover first, then pushing the cover into place.
- Do not leave flat batteries in your FOXTEL iQ Remote.
 - Do not mix different battery types, e.g. Alkaline and Manganese.
 - Do not mix old and new batteries – replace both batteries at the same time
 - Dispose of flat batteries in an environmentally-friendly way

The FOXTEL iQ Remote

FOXTEL

Takes you from the TV Guide (or any FOXTEL Digital menu screen) to the last channel you were watching

av

Switches to 'AV mode'

box office

To order movies and events from the FOXTEL Box Office

tv guide

Displays your FOXTEL Digital Guide's programme listings screen

setup

Displays the Setup screen where you can change the FOXTEL iQ settings

vol + and –

Changes the volume up or down

mute

Turns the sound on or off

colour buttons

Use to select the matching colour option shown on screen

Transport buttons

The REW, PAUSE (top part of key) / PLAY (bottom part of key), FF, REC and STOP keys operate the transport functions (PLAY, FF, REW etc.) of your device.

red colour button

Launches an active service when you see the **red** button on your TV screen

number buttons (0-9)

Use to change channel, enter numbers and select on-screen options



Power

Puts the FOXTEL iQ into or out of standby

active

Displays the Active screen for FOXTEL's range of interactive services

planner

Displays the Personal Planner, to view your programme reminders

i

Displays more information about a programme

ch + and –

Changes channel and pages up and down through listings in the TV Guide

arrow buttons

Moves the highlight around the screen

select

Confirms a choice or makes a selection. Also displays the i-Search banner

help

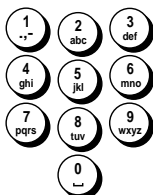
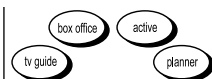
Takes you instantly to the FOXTEL Help Channel, regardless of what channel or menu you are viewing

Back

Jumps back to the previous screen or previous channel you were watching

Using the FOXTEL iQ Remote with the FOXTEL Digital Guide

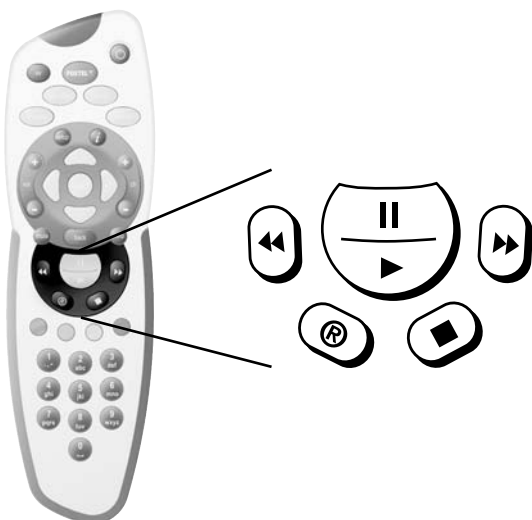
You can use the following buttons on the FOXTEL iQ Remote to perform the following functions on the FOXTEL iQ Service:



- To display any section of the FOXTEL Digital Guide, press the **corresponding** button on your iQ Remote, e.g. for example, to display FOXTEL Box Office, press **box office**.
- Use the **arrows** to move the highlight around the screen, then to choose the highlighted item, press **select**.
- On many of the FOXTEL Digital Guide screens, you use the **colour** buttons to choose options or change the display. When a **colour** button is displayed next to an option, press the same **colour** button on your FOXTEL iQ Remote to choose that option.
- Press the **number** buttons to enter numbers on the screen. You can also use the **number** buttons as a short-cut, whenever a numbered list is shown. You can use the **number** buttons to write the letters and symbols marked on the buttons onto the screen. Press the button once for the first letter, and again for the next letter, until the letter you want is displayed (similar to sending text messages with your mobile phone).
- To see information about a highlighted programme, press **i**
- To exit any screen, without saving any changes, and go **back** to the previous FOXTEL Digital Guide screen, press back.
- When full screens of listings are displayed, you can press **ch +** and **ch -** to 'page up' and 'page down' a full screen of listings.
- To return to the digital channel you were last watching, press **FOXTEL**.

Using your FOXTEL remote control to record and watch programmes

The buttons on your FOXTEL iQ Remote that you use to record and watch programmes are towards the centre of the FOXTEL iQ Remote and are described below. These buttons can be used in the same way in various places, for example, you can press **R** to record while you are watching TV, or when a programme is highlighted in the FOXTEL Digital Guide, FOXTEL Box Office or Personal Planner.



- To record a programme, press **R**.
- To rewind a programme, press rewind (◀◀).
- To pause a programme or start a 'Live Pause' recording, press pause (||).
- To play a recorded programme, or restart a paused programme, press play (▶).
- To fast forward a programme, press fast forward (▶▶).
- To stop playback of a programme, press stop (■).



AV Mode of the FOXTEL iQ Remote

Pressing the av button on the FOXTEL iQ remote allows:

- ⇒ The FOXTEL iQ to route the input from the VCR SCART connector on the back of the FOXTEL iQ to the output of the primary or TV SCART. In practice this means your VCR (or DVD Recorder) should be connected to the VCR SCART connector on the FOXTEL iQ. Pressing the av button displays the VCR's output on the television. If nothing is connected to the VCR SCART on the FOXTEL iQ then pressing the av button on the FOXTEL iQ Remote blanks the television screen
- ⇒ In AV mode the FOXTEL iQ Remote buttons are disabled unless it has been programmed as shown in this guide (in which case it will control your television's or other device's functions)

To identify which of the two SCART connectors is the VCR SCART look at the back of the FOXTEL iQ, the VCR SCART will be the upper SCART connector and marked VCR SCART.

Using the **av** button with a loop-through device

You may wish to connect more items of equipment to your television than your television has connectors to support (for example, the FOXTEL iQ, plus a VCR, DVD player and/or games console). In this circumstance the FOXTEL iQ can act as an AV switcher allowing the television connector used by the FOXTEL iQ to be shared with another item of equipment. This item is referred to as the 'loop-through device' as it is connected to the VCR SCART connector at the back of the FOXTEL iQ rather than directly to the television (see diagram on previous page). Usually this device is the VCR.

If you have a 'loop-through device' you use the **av** button on the FOXTEL iQ Remote to switch between the FOXTEL service and the loop-through device.

- 1.** To switch to the looped-through device, press the **av** button on the FOXTEL iQ Remote.

Once you have pressed the **av** button, all the buttons on the FOXTEL iQ Remote are disabled (unless it has been programmed as shown in this Guide, in which case it will control your television's functions or other device's), except FOXTEL and the FOXTEL Digital Guide buttons (**tv guide**, **box office**, **active** and **planner**)

- 2.** To return to FOXTEL, press **FOXTEL** (or any of the FOXTEL Digital Guide buttons)
 - *If you want to use the 'loop-through' facility, your television must be connected to the TV SCART connector on the FOXTEL iQ while the loop-through unit (e.g. VCR) must be connected to the VCR SCART connector on the FOXTEL iQ and the Video Output for the iQ must be set to PAL*
 - *If your setup does not include a looped-through device, then when you press the **av** button on the FOXTEL iQ Remote, your television will display a blank screen when the **av** button is pressed. To return to FOXTEL press the **FOXTEL** button*
 - *The AV switching function of the FOXTEL iQ switches audio and composite video only.*

FOXTEL iQ Remote Functions in AV mode

When in AV mode with a Device Code programmed into the FOXTEL iQ Remote the buttons perform the following functions

1. Power

The **Power** button will operate the Power or Standby function on your programmed device.

2. FOXTEL

Switches the FOXTEL iQ Remote back to FOXTEL mode and allows the FOXTEL service to override any loop-through device.

3. tv guide

Switches the FOXTEL iQ Remote back to FOXTEL mode and allows the FOXTEL service to override any loop-through device and displays the FOXTEL Digital Guide.

4. box office

Switches the FOXTEL iQ Remote back to FOXTEL mode and allows the FOXTEL service to override any loop-through device and displays the FOXTEL Box Office menu.

5. active

Switches the FOXTEL iQ Remote back to FOXTEL mode and allows the FOXTEL service to override any loop-through device and displays the FOXTEL Active menu.

6. planner

Switches the FOXTEL iQ Remote back to FOXTEL mode and allows the FOXTEL service to override any loop-through device and displays the FOXTEL Planner.

7. setup

The **setup** button has no function and is therefore available for learning (see page 14).

8. i

Provides the Menu function in DVD / VCR mode.

9. Arrows, select and back

These buttons are provided for Menu control in DVD / VCR mode.

The **Select** button will confirm your choice in DVD / VCR Menu mode.

The **Back** button has no function and is therefore available for learning (see page 14).

10. Volume +/-

Change the volume on the programmed device (television or amp/tuner depending on programmed device).

11. Channel +/-

Change channel on the programmed device (television or VCR/DVD depending on programmed device).

12. mute

Mutes the volume on the programmed devices (television or amp/tuner, depending on programmed device).

13. help

Acts as the **AV** button does on your television's Remote Control, switches between AV inputs on the television

14. Transport buttons

The REW, PAUSE (top part of key) / PLAY (bottom part of key), FF, REC and STOP keys operate the transport functions (PLAY, FF, REW etc.) of your DVD / VCR.

15. Number Buttons

The **Number** buttons (0 - 9) change channel on the your television.

15. Colour Buttons

Red: DVD input selection on amp/tuner.

Green: SAT input selection on amp/tuner.






Yellow: TV input selection on amp/tuner.

Blue: Input select toggle feature on amp/tuner.

Note: not all the above functions are supported for all Devices in the Code library

Setting the Code for your Device

Setting the Code For Your Television

1. Switch your television on (not on standby).
2. Find your device Code in the Television Code Reference section (page 20 - 39). Codes are listed by brand name, with the most common Code is listed first."
3.  Press and release the **av** button on the FOXTEL iQ Remote.
4. 
 Press and hold the **select** button, then press and hold the red button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice
5.  Now enter your 4-digit Code, using the **number** buttons. The LED will flash twice to indicate that the Code has been accepted
6.  Point the FOXTEL iQ Remote towards your television and press the **Power** button. If your television switches off, the FOXTEL iQ Remote is successfully setup to control your television set.

- Some television's do not switch on pressing the **Power** button, please try pressing a "**number**" button to switch your television on.
- If your device does not respond, follow steps 1 through 6 for each Code listed for your device brand. If none of the Codes listed for your brand operate your device, then try the Search Method described on the next page, even if your brand is not listed at all.
- Some Codes are quite similar. If your device does not respond or is not functioning properly with one of the Codes, try another Code listed under your brand.

Setting the Code for your AMP / TUNER

Follow steps 1 – 6, changing Step 4 to:

Press and hold the **select** button, then press and hold the **0** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.

Setting the Code for your DVD / VCR









Follow steps 1 – 6, changing Step 4 to:


Press and hold the **select** button, then press and hold the **6** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice

Search Procedure

If your device does not respond to the FOXTEL iQ Remote after you have tried all the Codes listed for your device brand, you may need to search for your Code. This method will also work if your device brand is not listed at all. An alternative to this search procedure is to use the FOXTEL iQ Remote's learning capability described on the following pages of this Guide.

Searching the Code For Your Television

1. Switch your television on (not on standby).
2.  Press the **av** button on the FOXTEL iQ remote.
3. 
 Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice
4.  Press the **av** button and release.
5.  Now point the FOXTEL iQ Remote towards your television and press the **Power** button.
6.  If your television turns off press the **select** button to store the Code
7. 
 If your television does not turn off, press the **av** button again, followed by the **Power** button. Keep alternating between the **av** and the **Power** buttons until your television set turns off.

You may have to press these buttons many times (up to 180 times) so please be patient.
8.  As soon as your television turns off, press the **select** button to store the Code.

- Some television's do not switch on when the **Power** button is pressed. Please try pressing a "**number**" button to switch your television on
- If you cannot control your device properly, please continue the Search Method, as you may be using the wrong Code.

Searching the Code for your AMP/TUNER

Follow steps 1 – 8, only step 3 changes into;

Press and hold the **select** button then also press the **0** button (instead of **red** button) and keep both pressed until the LED (top front) shows two short (red) flashes.

Searching the Code for your DVD / VCR











Follow steps 1 – 8, changing step 3 to:

Press and hold the **select** button, then press and hold the **6** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.

Identifying the Code programmed into the FOXTEL iQ Remote

Once you have set up the Code for your device, you can recall your device Code for future reference.

Example: Identifying your television Code

1.  Press the **av** button on the FOXTEL iQ remote control.
2. 
 Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.
3.    Press **9 9 0** (The LED will flash twice).
4.  For the first digit of your four-digit Code, press **1** and count all the red flashes. If there are no flashes, the digit is "0".
5.  For the second digit of your four-digit Code, press **2** and count all the red flashes. If there are no flashes, the digit is "0".
6.  For the third digit of your four-digit Code, press **3** and count all the red flashes. If there are no flashes, the digit is "0".
7.  For the fourth digit of your four-digit Code, press **4** and count all the red flashes. If there are no flashes, the digit is "0".

Now you have your four-digit Code.

Identifying the AMP. / TUNER -Code programmed into the FOXTEL iQ remote control

Follow steps 1 – 7, changing step 2 to:

Press and hold the **select** button, then press and hold the **0** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice

Identifying the DVD / VCR -Code programmed into the FOXTEL iQ remote control

Follow steps 1 – 7, changing step 2 to:

Press and hold the **select** button, then press and hold the **6** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice

Learning Feature

The FOXTEL iQ Remote offers a Learning Feature that allows you to copy almost any function from your original remote control onto the FOXTEL iQ Remote.








*Please note that the Learning Feature is not possible when the FOXTEL iQ Remote Control is in FOXTEL mode. The **av**, **FOXTEL**, **tv guide**, **box office**, **active** and **planner** buttons can not have a function learnt onto them.*

Before you start:

- Make sure your original remote is working correctly.
- Make sure the FOXTEL Service is not displaying battery low indicator
- Make sure neither the new FOXTEL iQ Remote, nor your original remote control is pointing at your device.
- The FOXTEL iQ Remote can learn up to 20 functions.



Example: To copy the "Power" function from your original remote control onto the Power button in AV mode of the FOXTEL iQ Remote:

- Place the FOXTEL iQ Remote and your original remote control on a flat surface. Make sure the ends which you normally point at your device are facing each other. Keep the Remote Controls at a distance of 2 to 5 cm (one to two inches).
-  Press the **av** button on the FOXTEL iQ Remote.
- 
 Press and hold the select button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice
-  Press **9 7 5** (the LED will flash twice).
-  Press and release the button on the where you want to place the learned function (e.g. **power** button). The LED will flash rapidly.
-  Press and hold the button on your original remote control that you want to copy (e.g. **power** button) until the LED on the FOXTEL iQ Remote flashes twice
- If you want to copy other functions repeat steps 5 and 6 pressing the next button you want to copy by learning.
-  To exit the learning mode, press and hold the **select** button until the LED flashes. The FOXTEL iQ Remote will also time-out of learning mode if no buttons are pressed for 10 seconds.

- *If you are having trouble learning a function that behaves as a toggle, ie the function is turned on and off with the same button, for example the mute function, then in Step 6 rather than holding down the button on the original Remote Control try pressing and releasing it instead.*
- *If you have trouble using the learning feature please make sure you are away from direct sunlight or incandescent lights.*

Deleting a learned function

To delete a Learned Function from the FOXTEL iQ Remote, complete one of the following three options:

To delete a single learned function in AV mode

1. Press the **av** button on the FOXTEL iQ Remote.
2. Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.
3. Press **9 7 6** (the LED will flash twice).
4. Press the button from which you want to delete the learned function **twice**. The LED will flash twice to indicate that the function learned on the button has been deleted. This button will now revert to its original function.

To delete all learned functions in AV mode

1. Press the **av** button on the FOXTEL iQ Remote.
2. Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.
3. Press **9 7 6** (the LED will flash twice).
4. Press the **av** button **twice**. The LED will flash twice to indicate that all the learned functions have been deleted. All learned buttons in AV mode will now revert to their original function.

To delete all learned functions and programmed Codes

- 1.** Press the **av** button on the FOXTEL iQ Remote.
- 2.** Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice
- 3.** Press **9 8 1**.
- 4.** The LED will flash twice to indicate that all the learned functions and any Codes have been deleted. All buttons in AV mode will now be disabled

Volume Allocation

The Foxtel iQ Remote is able to be programmed so that, when in AV Mode, it will control the volume of the television or amp/tuner. When in FOXTEL mode it will control the volume of the FOXTEL iQ. If both television and amp/tuner codes are programmed into the FOXTEL iQ Remote, it is possible to switch between which one the FOXTEL iQ Remotes when the **volume +/-** and **mute** buttons are pressed. This function is called Volume Allocation.

When both television and amp/tuner codes have been programmed:

1. To switch to having the FOXTEL iQ Remote the volume of your amp/tuner press and hold the **select** button then also press the **1** button for approximately two seconds.
2. To switch to having the FOXTEL iQ Remote the volume of your television press and hold the **select** button then also press the **2** button for approximately two seconds.

Note: You must be in AV mode for this to function.

Volume Direct

The Volume Direct feature gives the **volume +/-** and **mute** buttons the same function when the FOXTEL iQ Remote is in FOXTEL mode as when it is in AV mode.

1. Press the **av** button on the FOXTEL iQ Remote.
2. Press and hold the select button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.
3. Press **9 9 3** (the LED will flash twice).
4. Press the **av** button. The LED will flash twice to indicate that Volume Direct feature has been set. The FOXTEL iQ Remote will now control the volume of your television even when the FOXTEL iQ Remote is in FOXTEL mode.

To reset the Volume Direct feature and have the **volume +/-** and **mute** buttons control the FOXTEL iQ, the following programming sequence needs to be performed:

1. Press the **av** button on the FOXTEL iQ Remote.
2. Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.
3. Press **9 9 3** (the LED will flash twice).
4. Press the **volume +** button. The LED will flash twice to indicate that the Volume Direct feature has been reset. The FOXTEL iQ Remote will now control the volume of the FOXTEL iQ when the FOXTEL iQ Remote is in FOXTEL mode.

POWER Allocation

When in AV Mode, the FOXTEL iQ Remote can be programmed to control the power of the television, amp/tuner or DVD/VCR. When in FOXTEL mode it will control the power of the FOXTEL iQ. If more than one device code is programmed into the FOXTEL iQ Remote it is possible to switch between which one the FOXTEL iQ Remote when the **power** button is pressed. This function is called Power Allocation.

When television, amp/tuner and/or VCR/DVD codes have been programmed:

1. To switch to having the FOXTEL iQ Remote control the power function of your television press and hold the **select** button then also press the **7** button.
2. To switch to having the FOXTEL iQ Remote control the power function of your amp/tuner press and hold the **select** button then also press the **8** button.
3. To switch to having the FOXTEL iQ Remote control the power function of your VCR/DVD press and hold the **select** button then also press the **9** button.

Note: The power button is allocated in the following priority: television, amp/tuner then VCR/DVD

POWER Direct

The Power Direct feature gives the **power** button of the FOXTEL iQ Remote the same function in FOXTEL mode as when it is in AV mode.

1. Press the **av** button on the FOXTEL iQ Remote.
2. Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.
3. Press **9 6 3** (the LED will flash twice).
4. Press the **av** button. The LED will flash twice to indicate that the Power Direct feature has been set. The FOXTEL iQ Remote will now control the power of your television even when in FOXTEL mode.

To reset the Power Direct feature and have the power button control the FOXTEL iQ, the following programming sequence needs to be performed.

1. Press the **av** button on the FOXTEL iQ Remote.
2. Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice.
3. Press **9 6 3** (the LED flashes twice).
4. Press the **power** button. The LED will flash twice to indicate that the Power Direct feature has been reset. The FOXTEL iQ Remote will now control the power function of the FOXTEL iQ when in FOXTEL mode.

POWER Macro

When in AV Mode, the Foxtel iQ Remote is able to be programmed with codes that enable it to control the power of the television or amp/tuner or DVD/VCR. When in FOXTEL mode it will control the power of the FOXTEL iQ. If more than one device code is programmed into the FOXTEL iQ Remote it is possible to have the FOXTEL iQ Remote the power function of all three devices in sequence when the **power** button is pressed. This function is called Power Macro.

To activate the Power Macro:

1. Press **av** button on the FOXTEL iQ Remote.
2. Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice
3. Press **9 9 5**.
4. Press the **power** button.
5. Press **av** button.
6. Press **select**, the LED will flash twice.
7. When Power Macro is set the **power** button sends the power function of all devices programmed in the sequence of: television, amp/tuner, VCR/DVD.

When television, amp/tuner and/or VCR/DVD codes have been programmed and the Power Macro feature has been enabled, the **power** button will send the power function for all devices with one press of the **power** button. Should you wish to exclude a device from the Power Macro function, perform the following steps:

1. To exclude the Power Macro from controlling the power function of your television press and hold the **select** button then also press the **7** button.
2. To exclude the Power Macro from controlling the power function of your amp/tuner press and hold the **select** button then also press the **8** button.
3. To exclude the Power Macro from controlling the power function of your VCR/DVD press and hold the **select** button then also press the **9** button.

Note: If the Power Macro is not set, the «Select + digit» will perform power allocation

Note: Power Macro can be used with Power Allocation to enable programmed devices to be switched on/off when the FOXTEL iQ Remote Control is in FOXTEL mode

To deactivate the Power Macro:

1. Press **av** button on the FOXTEL iQ Remote.
2. Press and hold the **select** button, then press and hold the **red** button. Keep both buttons held down until the LED on the FOXTEL iQ Remote flashes twice
3. Press **9 9 5**.
4. Press the **power** button.
5. Press the **power** button again.

Hint: When using the Power Macro the on/off states of your devices can become unsynchronised, that is the television might be on but the amp/tuner off – pressing the **power** button will turn the television off but the amp/tuner on. This is because on most devices the power function is a toggle, the same command turns the device on as turns the device off. To overcome this, cover the front of the FOXTEL iQ Remote with your hand when it is sending to the device you don't want to change. The Power Macro first send the command to the television then the AMP/TUNER then the VCR/DVD, the three commands are sent about half a second apart.

Abbreviations/Terms Used in this Guide

SCART:	A SCART cable carries the video, audio and system control signals, to and from the VCR, TV, Games Console or other equipment
Loop Through:	An input signal that is re-directed, looped through and sent back out to make it available to be displayed by another device (e.g. the FOXTEL Digital iQ).
LED:	Light Emitting Diode (this is on the front panel of the FOXTEL iQ and top of the FOXTEL Digital Remote) which light up when buttons or functions are selected."
av:	The av button is intended to be used if you connect additional audio/visual equipment to your television.

Trouble-shooting

Problem	Possible Cause/s	Solution
The FOXTEL iQ Remote is not working	Batteries are flat	Replace batteries.
	FOXTEL iQ Remote is damaged	Contact a representative from the place of purchase.
The LED flashes on FOXTEL iQ Remote but there is no response from the FOXTEL iQ	Line of Sight issue	Ensure that the path from the FOXTEL iQ Remote to any device is not obstructed in any way.
	FOXTEL iQ Remote is in AV Mode	Press the FOXTEL button on the FOXTEL iQ Remote.
	FOXTEL Digital not responding	Refer to the FOXTEL Digital FOXTEL iQ Guide.
The FOXTEL iQ Remote does not respond in AV mode after pressing a button	FOXTEL iQ Remote is in FOXTEL Mode	Press the av button on the FOXTEL iQ Remote.
	Wrong Television Code used	Try another Television Code. Try the Learning Feature. Try the Code Search Feature.
The FOXTEL iQ Remote does not operate your television	Batteries are flat	Replace batteries.
	Line of Sight issue	Ensure that the path from the FOXTEL iQ Remote to any device is not obstructed in any way.
The FOXTEL iQ Remote is not performing commands correctly	Wrong Television Code used	Try another Television Code. Try the Learning Feature. Try the Code Search Feature.
	FOXTEL iQ Remote is damaged	Contact a representative from the place of purchase.
Original device Remote control does not function	Batteries are flat Original device Remote control faulty	Replace batteries. Contact a representative from the place of purchase/ manufacturer.

Trouble-shooting

Problem	Possible Cause/s	Solution
The Learning Feature does not work	Original device Remote control faulty	Check that the batteries of the Remote control are not flat Contact a representative from the place of purchase/ manufacturer
	Line of Sight issue	Ensure that the path between the FOXTEL iQ Remote and device Remote control is not obstructed in any way
	Incorrect steps followed	Refer to the "Learning Feature" section of this guide to re-complete the steps

Before Contacting Your Retailer

Prior to contacting your retailer for any technical assistance regarding the information covered in this guide, please refer to the following points which may resolve any technical issues you may experience:

- 1.** Ensure that you follow the instructions for battery installation and replacement as outlined on page 3 of this Advanced User Guide.
- 2.** Ensure that the path from the FOXTEL iQ Remote to the device is not obstructed in any way (there must be a clear line of sight).
- 3.** If you are trying to control the FOXTEL Digital service ensure the FOXTEL iQ Remote is in FOXTEL mode by pressing the FOXTEL button.
- 4.** If you have programmed a Television Code into the FOXTEL iQ Remote and are trying to operate your television ensure that the FOXTEL iQ Remote is in AV mode by pressing the av button.
- 5.** Ensure the device you are operating with the FOXTEL iQ Remote is working correctly. You may need to use the original remote control for the device to ensure it is functioning correctly. If you continue to experience problems with the original remote control, refer to the manufacturers instructions for the device
- 6.** Please ensure that you read this manual thoroughly. This guide has been designed to guide you through the steps required to successfully use the FOXTEL iQ Remote supplied

If you require further technical assistance, please contact your retailer or the support hotline 1300669347 8:30am-6:00pm (Eastern Standard Time).

Television Codes

888	0292	0440		
A.R. Systems	0065	0584	0402	0483
Abex	0060			
Accent	0037	0065	0584	
Accuphase	0584	1937		
Acec	0040			
Acura	0037			
Adcom	0653	0312		
Addison	0681	0178	0136	
Admiral	0121	0191	0391	0446
	0115	0333	0292	
Adventura	1932			
Adyson	0060	0245	0244	
AEA	0065	0584		
AEG	0634			
Agashi	0244	0292	0245	
AGB	0544			
Agef	0115			
Aiko	0037	0065	0584	0244
	0399	0063	0461	0100
	0389	0219	0292	0245
Aim	0065	0100	0440	0584
	0781	0236	0734	
Aiwa	0729	0733	1932	1936
Akai	0037	0389	0630	0236
	0584	0065	0399	1565
	0831	0840	0461	0773
	0219	0730	0063	0246
	0312	0322	0700	0357
	0724	0100	0781	0191
	0834	0440	0757	0476
	0742	0544	0743	0576
	0609	0508	0245	0659
	0244	0292	0206	0405
	0634	0736	1065	1936
	0501	0676		
Akashi	0888	0037		
Akiba	0246	0310	0483	0065
	0584	0322		
Akira	0218			
Akito	0300	0065	0584	
Akura	0065	0246	0292	0584
	0696	0387	0440	0521
	0037	0310	0199	0742
Alaron	0207	0244		
Alba	0037	0065	0446	0398
	0584	0064	0263	0246
	0399	0696	1065	0383
	0244	0275	0459	0191
	0515	0609	0607	1932
	1936	0742	0471	
Alfide	0700			
Alkos	0063			
Allorgan	0234	0322	0245	
Allstar	0065	0584		
Ambassador	0205			
Amplivision	0245	0428	0398	0348
Amstrad	0037	0205	0065	0199
	0544	0292	0382	0390
	0399	0246	0440	0461
	0584	1065	0676	0609
	1932			
Anam	0065	0584	0037	
Anam National	0065	0584	0678	
Anex	0449			
Anglo	0037	0292		
Anitech	0037	0292	0065	0584
	0310	0130		
Ansonic	0398	0065	0584	0037
	0696	0402	0191	0320
	0130	0439	0287	0275
	1465	0040	0312	0456
	1932	0132		
AOC	0037	0088	0121	0136
	0206	0207		
Aolingpike	0292	0440		

Aolingpu	0886			
Apex Digital	1971	0795		
Apollo	0501			
Arc en Ciel	0427	0137	0224	0226
Arcam	0244	0245	0427	
Ardem	0514	0742	0065	0584
Aristona	0584	0065	0040	
Arthur Martin	0191	0428		
ASA	0132	0133	0374	0098
	0115			
Asberg	0065	0584	0130	
Asora	0037			
Astra	0065	0584		
Asuka	0246	0245	0244	0292
	0310	1932		
ATD	0726			
Atlantic	0065	0584	0244	0234
	0348	0287		
Atori	0037			
Auchan	0191	0428		
Audio sonic	0037	0065	0402	0848
	0137	0584	0742	0743
	0245	0398	0365	0292
	0246	0514	0456	
Audioton	0245	0514	0398	0292
	0456			
Audioworld	0726			
Aumark	0088			
Autovox	0115	0572	0234	0377
	0245	0275		
AVP	1932	1936		
AWA	0037	0039	0064	0185
	0402	0440	0065	0584
	0244	0634	0245	0136
	0292	0813		
Axxent	0037			
Axxon	0742			
Baihe	0037	0292	0440	
Baile	0037	0402	0689	
Baird	0137	0371	0221	0218
	0220	0100	0101	0245
	0236	1932		
Bang & Olufsen	0593	0115	0303	
BaoHuaShi	0292	0440		
Baosheng	0037			
Barco	0408	0191		
Basic Line	0037	0402	0065	0246
	0191	0696	0584	0595
	0310	0245	0483	0367
	1065			
Bastide	0245			
Baur	0037	0065	0174	0331
	0389	0540	0563	0223
	0572	0582	0584	0219
	0377	1533	1038	
Baysonic	0264			
Bazin	0245			
Beaumarck	0206			
Beijing	0037	0236	0254	0292
	0402	0440	0510	0689
	0840	0849		
Beko	0398	0742	0063	0514
	0456	0743	0065	0446
	1065	0584	0634	0836
Bennett	0584	0065		
Beon	0065	0584	0446	0060
Berthen	0696			
Best	0365	0398	0449	
Bestar	0065	0584	0398	0402
Bestar-Daewoo	0402			
Binatone	0245			
Black Diamond	0642	0848	1065	0584
	0849			
Black Panther	0130			
Black Star	0275			
Black Strip	0063			
Blacktron	0310			
Blackway	0310	0246		

Blaupunkt	0223	0582	0219	0563
	0228	0355	0476	0483
	0198	0064		
Blue Sky	0065	0246	0584	0742
	0696	1065	0515	0743
	1937	0310	0483	1962
	1932	1936		
Blue Star	0310			
Bondstec	0275			
Boots	0245	0300	0037	
Bosch	0348	0355		
BPL	0065	0310	0584	1073
Brandt	0137	0653	0363	0427
	0224	0226	0315	0499
	0371	0588		
Brandt				
Electronique	0315	0363		
Brinkmann	0065	0584	0696	0547
	0446	0514		
Brionvega	0065	0390	0584	0115
Britannia	0244	0245		
Broksonic	0264			
Brother	0292			
Bruns	0115	0456		
BSR	0191	0322	0389	
BTC	0246			
Bush	0037	0696	0064	0246
	0065	0191	0377	0300
	0310	0383	0399	0263
	0402	0547	0726	1065
	0391	0292	0389	0515
	0236	0245	0642	0645
	0609	0322	0312	0584
	0742	1928	1932	1936
Caihong	0037			
Caishi	0919			
Candle	0214			
Canton	0246			
Capsonic	0292			
Carad	0638	0065	0584	0696
	1065			
Carena	0483	0065	0584	
Carrefour	0064	0098	0065	0584
Carver	0198			
Cascade	0037	0065	0584	
Casio	0065	0584	0191	0377
	1932			
Cathay	0065	0584		
CCE	0065	0245	0584	0357
Celebrity	0028			
Celestial	0847	0848	0849	0795
Centrex	0808	0854		
Centrum	1065			
Centurion	0065	0584		
Century	0115	0275	0266	
CGE	0102	0275	0446	0398
	0191	0427	1932	
Changcheng	0037	0292	0402	0440
	0689			
Changfei	0037	0357	0402	
Changfeng	0292	0440	0724	0781
Changhai	0037	0357		
Changhong	0855	0795	0848	0037
	0292	0536	0849	0876
Chengdu	0037			
Ching Tai	0037	0207		
Chun Yun	0028	0037	0061	0207
Chunfeng	0037	0292		
Chung Hsin	0178	0136	0061	0064
ChungFeng	0440			
Chunsun	0037			
Cimline	0037	0263	0246	
Cinema	0700			
Cinex	0676			
Citizen	0067	0563	0214	0088
City	0037			
Clarivox	0065	0446	0584	0098
	0130			

Clatronic	0065	0275	0398	0399
	0742	0246	0292	0584
	0245	0037	0130	0348
	0607	0676	1932	0634
Clayton	0413	1065		
CMS	0244			
CMS hightec	0245			
Combitech	1936			
Concorde	0037			
Condor	0348	0065	0398	0584
	0244	0037	0310	0130
	0275	0446	0439	0191
	0292			
Conia	0782	0849		
Conic	0060			
Conrad	0065	0584		
Conrowa	0037	0173	0292	0440
	0724	0726	0781	1198
Contec	0037	0244	0064	0185
	0039	0292	0065	0584
Continental				
Edison	0137	0224	0226	0427
	0315	0515		
Cosmel	0037	0365	0065	0584
Crosley	0115	0102	0275	0191
Crown	0037	0700	0740	0065
	0398	0067	0514	0584
	0446	0515	0607	0742
	0634	0743	0449	0387
	0236	0367	1962	1065
Crown Mustang	0700			
Crystal	0459			
CS Electronics	0244	0246	0275	
CTC	0275			
Curtis Mathes	0067	0088	0121	0173
	0730	0194		
Cybertron	0246			
D-Vision	0065	0584		
Daenix	0700			
Daenyk	0207	0700		
Daewoo	0662	0689	0700	0402
	1937	0527	0065	0584
	0037	0244	0060	0246
	0245	0067	1165	0206
	0198	1930	1936	0136
	0178			
Dainichi	0246	0244		
Danichi	0246			
Dansai	0065	0584	0292	0060
	0063	0244	0037	0064
	0245	0236		
Dansette	0440			
Dantax	0398	0514	0742	0634
	0743	1936		
Datsura	0236			
Dawa	0037	0065	0584	
Daytek	0726	0734		
Dayton	0037			
Daytron	0037	0402	0065	0584
	0067			
Dayu	0402	0689		
de Graaf	0236	0072	0255	0576
	0191	0391		
DEC	0823	0813	0888	
Decca	0065	0100	0061	0300
	0544	0584	0245	1165
	0649	1932	1936	
Deitron	0065	0584	0402	0246
Denko	0292			
Denon	0173	0539		
Denver	0065	0584	0634	0615
DER	0221	0218		
Desmet	0348	0065	0584	0037
	0115			
Diamant	0065	0584		
Diamond	0292	0726	0724	0037
	0244	0399	0888	0848
Digatron	0065	0584		

Digiline	0065	0584	0133	0696
Digitex	0848			
Digitor	0065	0584	1752	
Digivision	0389			
DiK	0065	0584		
Dixi	0037	0065	0584	0275
	0245	0115		
DL	0876	0919	0808	0065
	0615			
Domeos	0696			
Domland	0422			
Dongda	0037			
Donghai	0037			
Doric	0377			
Dream Vision	1732			
Drean	0065			
DTS	0037			
Dual	0547	0572	0377	0245
	0371	0065	0584	0287
	0422	0427	0331	0191
	0559	1932	1165	0659
Dual Tec	0245			
Dumont	0115	0098	0132	0130
	0245	0100	1932	
Dunai	0572	0191		
Durabrand	0065	0584	0206	1465
	0199			
Dux	0065	0584	0040	
DVX	0919			
Dynatech	1932	0245		
Dynatron	0065	0584	0040	
E-Elite	0246			
Ecco	0801	0734		
ECE	0065	0584		
Edison-Minerva	0515			
Elbe	0287	0463	0266	0390
	0320	0398	0191	0065
	0584	0246	0219	0312
	0439	0638	0245	0544
	0389	0658		
Elbe-Sharp	0544			
Elcit	0115	0275	0544	0130
	0191			
Electroband	0028			
Elekta	0037	0065	0584	0292
	0310			
ELG	0065	0584		
Elin	0065	0244	0576	0584
	0133	0132	0389	0476
	0333	0377	0191	0037
Elite	0246	0065	0348	0584
	0333			
Elman	0130			
Elta	0037	0292	0244	0459
Emco	0275			
Emerson	0205	0206	0264	0742
	0115	0207	0310	0275
	0065	0584	0399	0098
	0067	0199	0348	0389
	1937	0514	0398	0191
	0349	1932	1934	
Emperor	0310			
Enzer	0724	0781		
Epson	0861			
Erres	0040	0065	0584	
Esa	0840			
ESC	0065	0584	0245	
Estèle	0191			
Ether	0037			
Etron	0037	0065	0584	0191
Eurofeel	0292	0245		
EuroLine	0065			
Euroman	0244	0292	0065	0584
	0245	0449	0398	
Europa	0065	0584		
Europhon	0065	0544	0130	0191
	0245	0584	0275	0459
	0244			

Excel	0065	0584		
Expert	0234	0428	0287	0191
	0333			
Exquisit	0065	0584	0275	
Fagor	0065	0584		
Family Life	0065	0584		
Feilang	0037			
Feilu	0037			
Feiyan	0292	0440		
Feiyue	0037			
Fenner	0402	0037		
Ferguson	0065	0101	0137	0653
	0218	0315	0220	0363
	0371	0588	0266	0221
	0584	0063	0132	0136
	0389	0499	1932	0576
	0471	1065		
Fidelity	0191	0244	0540	0199
	0389	0391	0065	0572
	0584	0399	0440	0559
	0221	0292	1932	1934
	1935	1936		
Filsai	0245			
Finlandia	0236	0374	0387	0576
	0389	0191	0391	0100
	0315	0371	0073	
Finlux	0065	0133	0098	0132
	0100	0584	0207	0742
	0374	0439	0544	0245
	0191	0743	0115	0130
	0659	0520	0508	0657
	0501	0446	0634	0649
Firstar	0037	0264	0061	
Firstline	0037	0065	0266	0244
	0584	0245	0402	0275
	0696	0349	0742	0191
	0322	0413	1937	0130
	0439	0572	0377	0559
	0100	0263	0236	0389
	1065	0836		
Fisher	0132	0245	0064	0236
	0398	0572	0583	0073
	0115	0185	0389	0191
	0331	0377	0100	
Flint	0065	0483	0584	0638
	0100	0246	0292	
FNR	0130			
Forgestone	0221			
Formenti	0065	0191	0348	0584
	0514	0244	0115	
Formenti-Phoenix	0244	0348		
Fortress	0121	0115		
Fraba	0065	0584	0398	0559
Friac	0037	0065	0584	0130
	0449	0398	0527	0683
	0638			
Frontech	0191	0275	0292	0377
	0476	0391	0459	0245
	0037			
Fujitsu	0207	0234	0711	0100
	0214	0130	0881	0245
	0191	0037	0065	0584
	0389	0287		
Fujitsu General	0037	0214	0245	0234
	0191			
Funai	0199	0696	0207	0292
	0322	0331	0440	
Furi	0173	0292	0440	
Furichi	0888			
Futronic	0292	0823	0888	
Future	0065	0584		
Galaxi	0130	0065	0584	0389
	0191			
Galaxis	0398	0446	0065	0130
	0584			
Galeria	0037			
GBC	0191	0037	0402	0246
	0391			

GE	0371	0206	0121	0310	Hanseatic	0065	0348	0584	0389
	0588	0315	0137	0363		0527	0456	0547	0377
	0653					0572	0191	0689	0320
Geant Casino	0191	0428				0310	0422	0662	0398
GEC	0065	0191	0071	0389		0037	0322	0245	0459
	0100	0377	0245	0544		0115	0405	0742	0836
	0584				Hantarex	0037	0544	0065	0584
Geloso	0037	0275	0391	0191		0130	0266		
	0402				Hantor	0065	0584		
General	0214	0618	0137	0315	Harley Davidson	0071	0207		
	0499				Harwa	0801			
General Electric	0371	0315			Harwood	0037	0440	0060	0065
General Technic	0037					0584	0515		
Genesis	0037	0065	0584		Hauppauge	0065	0584		
Genexxa	0191	0246	0065	0584	Havermy	0121			
	0440	0521	0037		HCM	0037	0310	0440	0065
Giant	0245					0584	0245	0246	0446
Gintai	0178	0749	0382			0292			
Go Video	0088				Hedzon	0584	0065		
Goldfunk	0696				Hema	0245	0037		
Goldhand	0244				Hemmermann	0377	0572		
Goldline	0365				Hifivox	0137	0224	0427	0226
GoldStar	0037	0065	0206	0398	Higashi	0244			
	0318	0060	0178	0405	Highline	0292	0065	0584	
	0245	0275	0584	0067	Hikona	0246			
	0244	0459	0191	0389	Himitsu	0807			
	0137	0391	0634	0072	Hinari	0037	0236	0064	0065
	1962	0742	0743			0584	0207	0246	0191
Gooding	0515					0392	0067	0383	0471
Goodmans	0388	0662	0064	0402		0515	0263	0322	0292
	0065	0100	0207	0527		1936			
	0245	0584	0263	1065	Hisawa	0310	0246	0483	0428
	0371	0696	0399	1937		0638	1936	0742	
	0292	0544	0037	0318	HiSense	0876	0236	0037	0173
	0515	0392	0063	0508		0255	0536	0724	0781
	0588	0060	0363	0246		0849	1198	0808	0584
	1936	0607	0658	0689	Hit	0115			
	1928				Hitachi	0173	0191	0253	0206
Gorenje	0398	0449				1253	0037	0377	0606
GPM	0246					0064	1073	0384	0072
Gradiente	0065	0198	0584			0178	0060	0071	0133
Graetz	0191	0742	0389	0399		0136	0501	0067	0371
	0065	0367	0584			0224	0226	0245	0137
Gran Prix	0676					0255	0185	0222	0207
Granada	0065	0428	0073	0100		0544	0100	0214	0509
	0174	0584	0236	0254		0527	0065	0591	0536
	0245	0384	0367	0387		0584	0576	0391	0747
	0040	0530	0544	0136		0662	0772	1065	1165
	0064	0501	0363	0588		1198	0520	0387	0389
	0191	0391	0253	0371		0540	0508	0657	1604
	0576				Hitachi Fujian	0136	0856	0178	0253
Grandin	0065	0310	0584	0037	Hitsu	0037	0483	0246	0638
	0191	0638	0742	0743	HMV	0115	0221		
	0696	0402	0348	0246	Höher	0742			
	0483	0428	0607	1065	Home Electronics	0634			
Gronic	0130	0245	0191		Hongmei	0037	0121	0292	0876
Grundig	0223	0536	0563	0700	Hongyan	0292	0440		
	0065	0098	0219	0515	Hornlyphon	0065	0584	0040	
	0582	0584	0615	0471	Hoshai	0246	0483	0310	
	0734	0037	0064	0398	Hua Tun	0037	0178		
	0768	1963	1936	0658	Huafa	0037	0173		
	0206				Huanghaimei	0037			
Grunpy	0207				Huanghe	0037			
H&B	0836				Huanglong	0037			
Haaz	0734				Huangshan	0037	0292	0440	
Haier	0726	0897	0292	0807	Huanyu	0244	0402	0255	0292
Haihong	0037					0876			
Haiyan	0292	0440			Huaqiang	0292	0440		
Halifax	0292	0244	0245		Huari	0173	0292	0440	
Hallmark	0206				Hygashi	0245	0244		
Hammerstein	0292	0088			Hyper	0037	0244	0245	0275
Hampton	0244	0245			Hypersonic	0389			
Hanimex	0246	0322	1936		Hypson	0065	0292	0584	0310
Hankook	0206					0742	0743	1962	0245
						0483	0428	0266	1936
						0696			
					Hyundai	0065	0831	0584	0734
						0888	0781		

Iberia	0065	0584			Kambrook	0405	0459		
ICE	0245	0292	0065	0399	Kamp	0244			
	0037	0584	0246	0244	Kangchong	0876			
Ices	0246	0244			Kangli	0037	0292	0402	0689
Icos	0040				Kangyi	0037	0292	0440	
Ict	0065	1165	0584		Kapsch	0191	0389	0234	0287
Imperial	0065	0102	0191	0275		0132			
	0398	0446	0584	0658	Karcher	0065	0584	0449	0398
	0439	0389	0377	0224		0638	0191	0310	0130
	0459	0559				0292	0742	0634	
Imperial Crown	0037	0292	0402	0440	Kathrein	0584	0065		
	0689				Kawa	0399			
Indiana	0065	0584			Kawasho	0244			
Ingelen	0191	0515	0638	0742	KB Aristocrat	0191			
	0389				Ken Brown	0264			
Ingersoll	0037				Kendo	0065	0638	0263	0390
Inno Hit	0037	0100	0544	0065		0584	0191	0547	0540
	0584	0246	0318	0245		0398	0405	0391	0456
	0275	0130	0310			0439	0130	0275	
Innova	0065				Kennedy	0191	0234	0463	
Innovation	0547	0065	0584		Kennex	1065			
Interactive	0065	0584	0040	0115	Kenwood	0133			
	0540	0303	0355	0191	KIC	0245	0357		
	0389	0398	0137	0439	Kingsley	0244			
Interbuy	0037	0065	0292	0275	Kioto	0734	0584	0813	
	0540	0584			Kiton	0584	0065	0696	
Interfunk	0065	0191	0584	0040	KLL	0065			
	0275	0115	0389	0540	Kneissel	0065	0287	0413	0398
	0303	0355	0398	0137		0638	0439	0402	0527
	0377	0228				0584	0463	0320	0266
Internal	0065	0584	0527	0402		0390	1936		
	1937				Kolin	0178	0136	0064	0061
International	0244				Kolster	0065	0584	0130	0377
Intervision	0065	0310	0245	0130		0275			
	0483	0292	0399	0405	Kongque	0037	0292		
	0547	0476	0514	0398	Konichi	0037			
	0422	0515	0246	0459	Konka	0065	0584	0399	0742
	0191	0275	0037	0584		1967	0446	0246	0753
Irradio	0037	0065	0584	0246		1968	0754	0669	0844
	0275	0318	0399			0615	0782	0807	0823
IRT	0726				Kontakt	0515			
Isukai	0246	0065	0584	0310	Korpel	0065	0584		
	0483				Korting	0115	0449	0398	0348
ITC	0245	0348			Kosmos	0065	0584		
ITS	0065	0399	0246	0310	Kotron	0440	0292		
	0292	0244	0037	0584	Koyoda	0037			
ITT	0191	0389	0508	0377	Kraking	0266			
	0572	0576	0501	0595	Kriesler	0040			
	0221	0374	0367	0236	KTV	0067	0245		
	0207	0638			Kuaile	0037	0292	0440	
ITT Nokia	0389	0576	0191	0501	Kuba	0377	0191		
	0508	0377	0374	0236	Kuba Electronic	0331	0377	0191	
	0207	0367	0595	0634	Kulun	0037			
	0638	0659	0391	0459	Kunlun	0236	0254	0292	0402
ITV	0292	0312	0065	0584		0689			
	0275	0402			Kyoshu	0440	0446	0292	0060
JCB	0028				Kyoto	0413	0060	0191	0244
Jean	0064	0749	0037	0207		0245			
	0264				L&S Electronic	0742			
JEC	0063	0530			LaSAT	0514	0398		
Jialicai	0037	0292	0440		Leader	0037			
Jinfeng	0236	0254			Lecson	0065	0584		
Jinhai	0876				Legend	0037	0365		
Jinque	0037	0292	0440		Lemair	0439	0060		
Jinta	0037	0292	0440	0876	Lenco	0065	0749	0037	0191
Jinxing	0037	0173	0584	0065		0402	0584	0132	
	0292	0726	0849		Lenoir	0037			
JMB	0065	0527	0662	0402	Lesa	0275			
	0584	0471	1936		Levis Austria	0065	0584		
Jocel	0740				Leyco	0065	0292	0100	0584
Jubilee	0584					0322	0607		
Juhua	0292	0440			LG	0065	0470	0206	0398
JVC	0681	0064	0218	0399		0037	0067	0405	0060
	0536	0634	0711	0220		0584	0245	0742	0244
	0221	0246	0446	0121		0459	0318	0672	0191
Kaige	0037	0292	0440			0088	0136	0634	0137
Kaisui	0037	0246	0244	0310		1962	0726	0743	0851
	0065	0245	0584	0483		1665			

Liesenk & Tter	0065	0355	0584	
Liesenkotter	0065	0355	0040	0584
Lifetec	0065	0037	0547	0402
	0696	0540	0683	1065
	1165	0584	0246	0292
	0711			
Lloyd's	0037			
Lloytron	0060			
LME	0459			
Lodos	1065			
Loewe	0164	0540	0065	0584
	0683	0398	0115	0320
	0390	0544		
Logik	0039	0061	0088	0726
	0801	0037	0221	0292
	0399			
Logix	0696	0547		
Longjiang	0292	0440		
Luma	0065	0391	0234	0333
	0191	0439	0584	0402
	0037	0390	0287	
Lumatron	0391	0234	0333	0065
	0584	0390	0191	0287
	0389	0245	0292	0101
Lux May	0065	0037	0584	0609
Luxman	0607			
Luxor	0222	0384	0389	0318
	0391	0508	0520	0377
	0236	0576	0191	0374
	0501	0207	1065	0245
	0659			
LXI	0206			
Madison	0065	0584		
Magnadyne	0115	0130	0275	0544
	0572	0191		
Magnafon	0130	0544	0244	0101
Magnavox	0065	0214	0584	0064
	0039	0207	0734	0808
Magnum	0676	0742	0065	0584
	0743			
Mandor	0292			
Manesth	0065	0245	0263	0584
	0292	0348	0063	0322
	0191	0391		
Manhattan	0065	0584	0696	1065
	0191			
Marantz	0065	0584	0440	
Marelli	0115			
Mark	0065	0584	0245	0244
	0402	0037	0742	0743
Master's	0527			
Masuda	0246	0399	0037	0292
	0065	0245	0584	
Materin	0886			
Matsui	0037	0065	0039	0584
	0063	0515	0064	0263
	0100	0205	0236	0383
	0245	0061	0300	0382
	0399	0322	0471	0461
	0544	0572	0607	0391
	0483	0191	0377	0459
	0073	0223	0219	0363
	0742	1936	1065	0657
Matsushita	0678			
Matsuiama	0615			
Maxam	0292			
Maxdorf	0801			
MCE	0037			
McMichael	0071			
Mediator	0040	0065	0584	
Medion	0065	0696	0547	1065
	0742	0540	0584	1165
	0726	0836	1936	1465
	1928			
Megas	0638			
Megatron	0173	0206		
MEI	1065	0065	0584	
Meile	0292	0440	0876	

Melectronic	0037	0374	0065	0540
	0132	0137	0371	0191
	0275	0133	0245	0315
	0402	0508	0520	0244
	0439	0377	0584	0662
	0389	0219	0223	0689
Melvox	0428			
Memorex	0037	0207	1065	0178
	0206	0088	1952	
Memphis	0365	0100	0037	0413
Mercury	0065	0037	0584	0357
Mermaid	0065			
Merritt	0576	0389	0191	
Metronic	0653			
Metz	0475	0563	0416	0395
	0115	0223	0582	0219
	0065	0584	0303	0615
	0696	1065		
MGA	0178	0206	0065	0584
	0246	0132		
Micromaxx	0065	0584	0696	1065
	0658	0836		
Microstar	0836			
Midland	0060	0067		
Minato	0065	0584		
Minerva	0098	0515	0563	0223
	0582	0219	0544	0136
	0178			
Minoka	0440	0065	0584	0387
Mirror	1928			
Mistral				
Electronics	0221			
Mitsubishi	0136	0178	0121	0540
	0065	0206	1278	0382
	0115	0264	0061	0064
	0207	0221	0563	0584
	0236	1962	1065	1945
Mitsuri General	0191			
Mivar	0244	0320	0318	0544
	0319	0398	0637	0245
Monaco	0037			
Morgan's	0065	0584		
Motorola	0121			
MTC	0088	0398	0377	0540
	0191	0244	0389	0476
MTEC	0300	0060		
MTlogic	0742			
Mudan	0037	0236	0254	0292
	0440			
Multibroadcast	0221			
Multistandard	0130			
Multitec	0065	0584	0514	0696
	1065			
Multitech	0037	0377	0130	0391
	0244	0514	0065	0245
	0398	0584	0275	0292
Murphy	0132	0244	0067	0100
	0191			
Musikland	0065	0246	0275	0584
Myryad	0584	0065		
NAD	0194	0206	0389	0191
Naiko	0065	0634	0584	
Nakimura	0402	0065	0584	
Nanbao	0037	0292	0440	0876
Nansheng	0292	0440		
Naonis	0391	0191		
NAT	0254	0242		
National	0242	0254	0236	0255
	0536			
NEC	0198	0732	0615	1198
	0206	1298	0037	0064
	0348	0178	0483	0402
	0214	0245	0065	0584
	0039	0292	0440	0536
	0527	1732	1398	0689

Neckermann	0065	0219	0582	0398
	0584	1533	1038	0228
	0191	0355	0446	0377
	0115	0275	0245	0439
	0348	0391	0540	
NEI	0065	0365	0584	0459
	0399	0191		
Nesco	0207	0275	1936	
Netsat	0065	0584		
Network	0060	0365		
Neufunk	0065	0037	0584	0638
	0246	0310	0742	
New Tech	0065	0037	0584	0371
	0245	0476		
New World	0246			
Newave	0037	0749	0206	0178
	0121			
Nicam	0572			
Nicamagic	0244			
Nikkai	0060	0100	0063	0246
	0065	0584	0244	0245
	0292	0365	0037	0064
Nikko	0206			
Nikon	0876			
Nishi	0510			
Noblex	0065	0292	0510	
Noblisko	0130	0098	0244	
Nogamatic	0427	0137	0224	
Nokia	0389	0191	0501	0508
	0377	0576	0634	0520
	0659	0387	0367	0236
	0402	0374	0207	0348
	0595	0638	0137	
Nordic	0245			
Nordmende	0137	0742	0315	0371
	0427	0588	0224	0226
	0223	0065	0584	0363
	0191	0499		
Norfolk	0191			
Normerel	0065	0584		
Novak	0040	0065	0584	
Novatronic	0065	0133	0402	0559
	0584			
NU-TEC	0483	0726		
Nurnberg	0191	0389		
Oceanic	0191	0389	0595	0428
	0322	0236	0591	0501
	0576	0508		
Odeon	0292			
Okano	0398	0065	0584	0292
	0100	0037		
Omega	0292			
Omni	0808	0919	0726	0854
Onwa	0399	0630	0246	0461
	0609	0130	0459	
Opera	0065	0584		
Optimus	0678	0194	1952	
Optonica	0121			
Orbit	0065	0584		
Orion	0065	0207	0205	0264
	0471	0383	0263	0584
	1982	0683	0348	0742
	0349	0322	0039	0544
	0037	0572	0392	0130
	0292	0440	0559	1936
	0061			
Orline	0065	0246	0584	
Ormond	0413	0696	1065	0065
	0584			
Orsowe	0544			
Osaki	0060	0100	0246	0245
	0292	0440	0521	0065
	0300	0402	0383	0584
	0065	0584	0318	
Osio	0246			
Oso	0246			
Osume	0060	0185	0100	0064
	0246	0065	0584	

Otto Versand	0064	1533	0065	0245
	1038	0348	0371	0121
	0540	0563	0582	0584
	0223	0572	0377	0219
	0389	0263	0137	0322
	0254	0275	0331	0037
	0310	0456	0459	0544
	0547			
Pace	1936			
Pacific	0065	0584	1165	0742
	1065	0471		
Pael	0244			
Palladium	0398	0446	0065	0219
	1533	1038	0228	0582
	0584	0275	0355	0377
	0115	0191	0245	0439
	0683	0547	0391	0658
	0742	1165		
Palsonic	0292	0312	0440	0801
	0065	0807	0245	0405
	0246	0726	0584	0476
	0446			
Panama	0037	0245	0292	0244
	0065	0584	0275	
Panasonic	0678	0254	0136	1338
	1952	0065	0242	0584
	0191	0236	0389	0255
	0395	0536	0544	0576
	1238	0881	1969	
Panavision	0065	0439	0584	
Panda	0037	0808	0236	0254
	0854	0292	0734	0440
	0919	0536	0726	0849
	0876			
Papouw	0065	0584		
Pathe Cinema	0191	0244	0266	0348
	0428	0320	0377	0459
	0398			
Pathe Marconi	0137	0224	0226	0427
Pausa	0037			
Peng Sheng	0919			
Penney	0206	0067	0060	0088
Perdio	0348	0100	0191	0065
	0244	0310	0584	
Perfekt	0065	0584		
Pershin	0428			
Phase	0060			
Philco	0065	0115	0102	0173
	0446	0275	0584	0191
	0398	0060	0509	0214
	0206	0547		
Philex	0221	0191		
Philharmonic	0245			
Philips	0065	0584	0266	0040
	0749	0028	0582	0219
	0071	0115	0221	0451
	0214	0371	0206	0136
	0598	0402	0060	0037
	0228			
Phoenix	0065	0584	0398	0514
	0191	0115	0100	0244
	0348	0413		
Phonola	0040	0065	0584	0115
	0221	0244		
Pilot	0584	0065	0067	0740
	0734			
Pioneer	0788	0039	0194	0065
	0137	0198	0191	0584
	0451	0315	0456	0398
	0371	0389	0514	0540
Pionier	0398	0514		
Plantron	0065	0584	0292	0037
Playsonic	0742	0065	0245	0367
	0743			
Policom	0130	0137	0224	0226
	0234	0266	0303	0389
	0191	0098	0102	0115
	0563			

Polytron	0725	0310		
Poppy	0037			
Portland	0402	0067	1937	
Powerpoint	0515	0065	0584	0726
Prandoni-Prince	0275	0544	0389	0391
Precision	0245			
Premier	0037	0292		
President	0888			
Prima	0060	0037	0292	0331
	0440			
Princess	0726			
Prinston	1065			
Prinz	0100	0572	0377	0389
	0222			
Profex	0037	0191	0389	0459
	0391			
Profi	0037			
Profitronic	0065	0584	0130	
Proline	0065	0349	0584	0653
	0662	0658	0439	0040
	0100	0649		
Prosonic	0065	0584	0398	0402
	0399	0696	0742	0244
	0242	0607	0245	
Protech	0037	0065	0584	0130
	0245	0275	0292	0377
	0365	0446	0459	0696
	0310	0191	0514	1065
Proton	0206	0037	0672	0067
Provision	0527	0065	0584	1065
	0742			
Pye	0040	0065	0584	0115
	0582	0402	0377	0440
Pymi	0037			
Qingdao	0236	0254	0292	0440
Quadra Vision	0428			
Quadral	0246			
Qualcraft	0067			
Quasar	0275	0678	0037	1952
Quelle	0039	0065	1533	0098
	0102	1038	0132	0389
	0440	0137	0563	0572
	0540	0582	0377	0219
	0060	0064	0245	0275
	0355	0133	0696	0584
	0185	0223	0228	0292
	0318	0174	1065	0322
	0374	0449	0037	
Questa	0064	0060		
R-Line	0065	0584	0191	
Radialva	0137	0246	0459	0191
	0065	0584	0315	0365
Radiola	0040	0065	0584	0245
Radiomarelli	0115	0544	0275	0065
	0584			
RadioShack	0065	0584	0060	0067
	0206			
Radiotone	0037	0065	0584	0456
	0398	0607	0446	0440
	0676	0696	0292	1065
Rank	0098			
Rank Arena	0064	0824	0185	0630
	0781			
RBM	0098			
RCA	0028	0088	0646	0121
	0653	0206	0588	0363
	0371	0781		
Realistic	0060	0067	0206	
Recor	0065	0446	0584	
Rectiligne	0065	0584		
Rediffusion	0389	0576	0064	0374
Redstar	0065	0584		
Reflex	0065	0584	1065	0696
Reoc	0742	0662	1937	
Revov	0065	0584	0398	
Rex	0191	0333	0234	0287
	0292	0391	0439	0275

RFT	0456	0115	0320	0398
	0100	0292	0065	0584
Rhapsody	0244			
Ricoh	0065	0584		
Rinex	0801	0446		
Roadstar	0037	1065	0246	0292
	0446	0065	0584	0696
	0310			
Robotron	0115			
Rodex	0065	0584		
Rover	0064			
Rowa	0065	0292	0726	0037
	0245	0740	0244	0615
	0476			
Roxy	0449	0398	0440	0363
Royal Lux	0584	0065		
Rukopir	0255			
Ruyi	0137	0653	0191	0315
Saba	0588	0363	0371	0115
	0427	0544	0389	0526
	0224	0226	0576	0499
	0742			
Saccs	0266			
Sagem	0638	0483	0310	
Saige	0037			
Saisho	0037	0263	0039	0544
	0061	0205	0292	0382
	0245	0572	0459	0191
Saivod	0065	0584	0696	0740
	1065			
Sakai	0191			
Sakyno	0483			
Salora	0191	0318	0384	0222
	0387	0389	0377	0576
	0392	0544	0391	0367
	0236	0508	0649	
Salsa	0363			
Sambers	0130	0544		
Sampo	0037	0060	0067	0064
	0121	0199	0206	0678
	0749			
Samsung	0088	0646	0672	0510
	0615	0065	0206	0357
	0584	0037	0730	0121
	0245	0476	0398	0292
	0060	0244	0318	0178
	0100	0207	0236	0547
	0067	0191	0653	0254
	0840	0849		
Samsux	0067			
Sandra	0244	0245		
Sanela	0266			
Sanjian	0292	0440		
Sansui	0065	0683	0757	0584
	0734	0399	0754	0753
	0630	0449	0483	
Santon	0037			
Sanyo	0236	0064	0185	0320
	0749	0039	0116	0073
	0398	0367	0100	0244
	0132	0245	0173	0174
	0583	0440	0037	0536
	0572	0191	0827	0065
	0136	0584	0514	0198
	0732			
Sanyuan	0037	0121		
Save	0065	0584		
Saville	1936			
SBR	0040	0065	0584	0071
	0221			
Schaub Lorenz	0377	0389	0576	0742
	0634	0514	0402	
Schneider	0065	1165	0246	0275
	0584	0399	0547	0040
	0572	0696	0331	0377
	0422	0287	0371	0245
	0389	1065	0191	0676
	0742	1937	1936	

Scotch	0206			
Scotland	0191			
Scott	0264	0206	0207	
Sears	0174	0199	0206	0207
Seaway	0662			
Seelver	0584	1065	0065	
SEG	0064	0065	0245	0584
	0292	1065	0696	1465
	0515	0037	0377	0191
	0662	0130	0275	0390
	0244	0246	1937	1929
SEI	0115	0130	0205	0544
	1533	0572	1038	0191
	0377	0322	0234	0065
	0584			
Sei-Sinudyne	0130	0234	0322	0544
	1533	1038	0572	0065
	0584	0115		
Seleco	0191	0333	0234	0287
	0390	0391	0439	0399
	0064	0292	0374	0463
Semivox	0264			
Sencora	0037			
Sentra	0063	0246	0037	0377
Serie Dorada	0206			
Serino	0638	0483	0244	0121
	1121			
Shancha	0292	0440		
Shanghai	0037	0236	0254	0292
	0357	0440	0876	
Shaofeng	0173	0255		
Sharp	0121	0037	1121	0067
	0060	0185	0064	0846
	0322	0284	0681	0221
	0678	0214	0544	0228
	0788	1945		
Shen Ying	0037	0207		
Shencai	0037	0173	0292	0440
Sheng Chai	0178	0037	0061	0207
	0264			
Sheng Chia	0037	0061	0121	0207
	0264			
Shenyang	0037	0292	0724	0781
Sherwood	0037			
Shintoshii	0065	0584		
Shivaki	0065	0584	0471	0402
	0206			
Shorai	0322	0207		
Show	0446	0037	0100	
Siam	0065	0584		
Siarem	0130	0544	0191	0115
Siemens	0065	0219	0185	0223
	0563	0582	0228	0355
	0060	0174	0584	0389
Siera	0065	0584	0040	0615
Siesta	0398			
Silva	0065	0584	0244	0389
	0676			
Silver	0064	0065	0483	0389
	0584	0207	0743	0191
SilverCrest	1065	0065	0584	
Simpson	0214			
Singer	0037	1565	0115	0834
	0065	0584	0130	0275
	0463	0428	0595	0363
	0191			
Sinotec	0801			
Sinudyne	0130	0205	0115	0263
	0544	0572	0322	0191
	0389	0377	1533	1038
	0234	0065	0584	1936
Skantic	0384			
Sky	0065	0310	0584	
Skymaster	0133			
Skysonic	0724	0781		
Skyworth	0065	0584	0037	0292
	0724	0726	0781	
SLX	0696			

Smaragd	0515			
Sogera	0348			
Solavox	0060	0191	0389	0100
	0576	0065	0584	
Sonawa	0246			
Songba	0037			
Soniko	0065	0584		
Sonitron	0236	0398	0367	0245
Sonneclair	0065	0584		
Sonoko	0037	0065	0584	0292
	0310	0245		
Sonolor	0191	0236	0595	0428
	1533	1038	0576	0389
	0310			
Sontec	0065	0584	0398	0322
	0037			
Sony	0028	1533	0102	1679
	0039	1038	0064	0678
	0130	0065	0584	0185
Sound & Vision	0130	0246	0402	0065
	0584			
Soundesign	0206	0207	0214	
Soundwave	0065	0446	0584	0348
	0060	0743		
Sowa	0088	0254	0178	0064
	0206			
Spectra	0037			
Squareview	0199			
Ssangyong	0060	0037		
Stag	0060			
Staksonic	0037			
Standard	0037	0065	0245	0584
	0246	1065	0348	0402
Starlite	0037	0191	0065	0584
	0292	0440		
Stenway	0310	0246		
Stern	0191	0333	0234	0287
	0391	0292	0439	0463
Strato	0065	0584	0292	0037
Strong	1065	0065	0584	
Stylandia	0245			
Sunic Line	0065	0584		
Sunkai	0349	0322	0383	0483
	0246	0263	0638	0065
	0584	0515	0559	
Sunstar	0399	0065	0584	0037
	0607	0292		
Sunwood	0065	0584	0037	
Superla	0544	0244	0245	
Supersonic	0236	0584	0726	0292
SuperTech	0037	0244	0065	0584
	0246			
Superton	0459			
Supra	0206	0402	0037	0067
Supreme	0028			
Susumu	0246	0363	0315	
Sutron	0037			
SVA	0615			
Swissline	0275			
Sydney	0244	0245		
Sylvania	0214	0199		
Symphonic	0199	1932		
Synco	0028	0064	0088	0121
	0206			
Sysline	0065	0584		
Sytong	0244			
T+A	0475			
Tacico	0206	0207	0178	0037
Tactus	0300			
Tai Yi	0037	0178		
Taishan	0037	0402		
Tandberg	0395	0439	0137	0365
	0224	0390	0389	0191
Tandy	0067	0246	0100	0121
	0245	0191	0275	
Targa	0730			

Tashiko	0064	0749	0071	0178
	0245	0678	0061	0174
	0198	0060	0244	0387
	0191	0391		
Tatung	0037	0064	0065	0584
	0100	0544	0088	0245
	0300	0039	0657	0649
	0061	1936		
TCL	0834	0854	0440	0726
TCM	0742			
Teac	0037	0726	0065	0540
	0292	0310	1465	0440
	1065	0446	0584	0483
	0740	0572	0696	0714
	0245	0734	0749	0783
	1937	0206	0199	0377
	0459	0198	0742	1960
	0920	1941	1977	1752
TEC	0245	0275	0037	0499
	0363	0365	0287	0065
	0584	0389	0191	
Tech Line	0065	0584	0696	1465
Techica	0246			
Technema	0348			
Technics	0678			
TechniSat	0683	0065	0584	0191
Technisson	0742			
Technol Ace	0207			
Technosonic	0065	0584		
Tecnimagen	0584			
Teco	0037	0064	0121	0206
	0246	0292	0681	
Tedex	0245	0446	0634	1565
	0037	0734	0236	0726
	0615	0919	0065	0312
	0584	0459		
Teiron	0037			
Tek	0823			
Teknika	0178	0067	0088	0207
	0214			
Teleavia	0137	0371	0315	0224
	0427			
Telecor	0065	0584	0191	0246
	0245	0287	0312	0422
Telefunken	0653	0102	0588	0730
	0137	0615	0363	0726
	0371	0740	0499	0526
	0848	0427	0315	0129
	0290	0101	0224	0065
	0584	0514	0742	
Telefusion	0065	0584		
Telegazi	0065	0191	0287	0246
	0292	0312	0584	
Telemeister	0348	0065	0584	
Telesonic	0065	0584		
Telestar	0037	0065	0584	0607
	0440			
Teletech	0037	0065	0584	0696
	0275	0365	1065	
Teleton	0064	0245	0214	0303
	0234	0191	0377	0287
	0391			
Televideon	0348	0191	0244	
Televiow	0065	0584		
Televiso	0428			
Telexa	0130			
Temco	0322			
Tempest	0037	0065	0584	0292
Tennessee	0065	0584		
Tensai	0132	0246	0348	0065
	0584	0245	0322	0037
	0133	0402	0399	0405
	0275	0743	0191	1065
Tenson	0348	0037		
Tesla	0065			
Tevion	0547	0065	0584	0795
	0676	0696	1165	0742
	1065			

Texet	0244	0245	0246	0402
	0037			
Thomas	1932			
Thomson	0137	0653	0315	0588
	0371	0427	0499	0363
	0224	0226	0065	0584
	0602	0377		
Thorn	0063	0136	0221	0065
	0137	0100	0101	0253
	0102	0371	0132	0218
	0389	0266	1533	0220
	1038	0527	0540	0563
	0584	0039	0040	0363
	0061	0387	0064	0071
	0300	0073	0402	0098
	0129	0384		
Thorn-Ferguson	0132	0136	0371	0137
	0218	0220	0266	0221
	0389	0363	0527	0101
	0063			
Tiane	0121			
TMK	0205	0206		
Tobishi	0246			
Tobo	0037	0292	0440	
Tokai	0100	0065	0584	0365
	0696	0476	0191	0245
	0402	0037	1065	
Tokaido	1065			
Tokyo	0244	0063	0476	0357
	0331			
Tomashi	0310	0246		
Tongguang	0292	0440		
Tongtel	0808	0615		
Tophouse	0700			
Toshiba	0536	0088	0678	1536
	0037	0063	0121	0530
	1732	0064	0098	0173
	0271	0130	0255	0742
	0292	0245	0440	0137
	0746	0223	0646	0219
	0672	0849	1936	0726
	0065	1973		
Totevision	0067			
Towada	0377	0130	0245	
Toyoda	0037	0399	0521	0292
Trakton	0037	0292	0245	
Trans Continens	0696	0245	1065	0065
	0584	0514		
TRANS-continents	0649			
Transonic	0065	0726	0584	0740
	0483	0615	0540	0292
	0446	0037	0886	
Transtec	0244			
Triad	0065	0584	0246	
Trical	0185			
Trident	0544	0245		
Tristar	0292	0246	0221	
Triumph	0205	0271	0544	0374
	0584	0065		
Tsoschi	0310			
Tuntex	0037			
TVTEXT 95	0584			
Uher	0348	0065	0584	0234
	0331	0402	0446	0514
	0398	0287	0508	
Ultra	0220			
Ultravox	0115	0130	0402	0275
	0244	0191	0065	0584
Unic Line	0065	0584	0501	0483
	0377			
United	0065	0584	0742	0743
	1936			
Universal	0065	0584		

Universum	0065	0374	0102	0133
	0132	0563	0223	0292
	0398	0501	0389	0275
	0520	0508	0228	0446
	0039	0174	0540	0322
	0064	0185	0060	0098
	0191	0584	0449	0439
	0318	0355	1533	1038
	0696	0572	0377	0245
	0137	0390	0365	0205
	0659	0582	0037	1929
	1065	1465	0198	
Univox	0065	0584	0365	0115
	0191	0266		
Utax	0191			
V7Videoseven	0206			
Vestel	0065	0191	0245	0584
	0696	1065		
Vexa	0037	0065	0584	
Vibrant	0300			
Victor	0681	0064	0678	
Videocon	0536			
Videologic	0246	0244		
Videologique	0244	0246	0245	
Videosat	0275			
VideoSystem	0065	0584		
Videotechnic	0244	0245	0348	0402
Videoton	0384	0191	0459	
Vidikron	0130			
Vidtech	0064	0206		
Viper	0365			
Visiola	0244			
Vision	0060	0065	0348	0292
	0584	0245		
Vistar	0234	0389	0595	
Vortec	0065	0584		
Voxson	0115	0191	0206	0065
	0584	0391	0446	
Waltham	0245	0384	0446	0315
	0413	0065	0584	0696
	0137	1065	0459	
Wards	0207	0206	0214	
Warumaia	0402	0689		
Watson	0065	0348	0584	0191
	0246	0333	0607	0547
	0422	0037	0696	1065
	1936	1465		
Watt Radio	0130	0572	0377	0191
	0244			
Wega	0064	0065	0584	0115
Wegavox	0037	0065	0584	
Weipai	0037			
Welltech	0742			
Weltblick	0065	0584	0348	0245
Welttech	0312			
Weston	0065	0584		
Wharfedale	0065	0547	0584	
White Westinghouse			0065	0348
	0214	0244	0584	0365
	1937			
Winco	0440			
Windsor	0696	1065		
Windstar	0310	0365		
Windy Sam	0584			
Wintel	0742			
Worldview	0483	0073		
Xenius	0662	0689		
Xiahua	0037	0292	0440	0726
	0801	0807		
Xianghai	0037			
Xiangyang	0292	0440		
Xihu	0292	0440		
Xinaghai	0440			
Xingfu	0037			
Xinghai	0292			
Xingyu	0037			
Xinrisong	0876			
Xinsida	0357			

XLogic	0726	0888		
Xrypton	0065	0584		
Xuelian	0876			
Yamaha	0678	0861		
Yamishi	0310	0483	0246	0065
	0584	0245		
Yingge	0037			
Yokan	0065	0584		
Yoko	0065	0245	0292	0584
	0246	0037	0459	0449
	0398	0333	0367	0244
	0275			
Yongbao	0876			
Yonggu	0037			
Yorx	0246			
Yousida	0037	0876		
Yuhang	0037			
Zanela	0266			
Zanussi	0234	0333	0391	0245
Zenith	1937	0206		
Zenor	0367			
Zhuhai	0037	0402		
Zonda	0807	0726		
ZX	0312	1936		

VCR Codes

Accent	0100			
Accuphase	0665			
Adelsound	0032			
Admiral	0076	0237		
Adventura	0028			
Adyson	0100			
Aiko	0306			
Aim	0306	0670	0376	
Aiwa	0152	0335	0028	0237
	0376	0380	0065	0069
	0060	1060		
Akai	0065	0134	0343	0670
	0081	0203	0069	0048
	0380	0268	0376	
Akashi	0100			
Akiba	0100			
Akura	0100	0069		
Alba	0306	0100	0237	0380
	0048	0028	0343	0376
	0109			
Allorgan	0268			
Allstar	0350	0109		
Ambassador	0048			
America Action	0306			
Amstrad	0028	0353	0360	0306
	0100			
Anam	0065	0268	0306	
Anitech	0100	0350		
Ansonic	0032	0028		
Aristona	0109			
ASA	0065	0109		
Asha	0268			
Asuka	0100	0065	0109	0028
	0066			
Audiosonic	0306			
Audioton	0048			
Audiovox	0065	0306		
AVP	0380	0028		
AWA	0065	0306	0670	0071
Baird	0134	0306	0132	0135
	0069	0028		
Bang & Olufsen	0527			
Basic Line	0306	0237	0048	0100
	0074	0132		
Beaumark	0268			
Beko	0132			
Bell & Howell	0132			
Bestar	0306	0048		
Black Diamond	0670	0306		
Black Panther	0306			

Blaupunkt	1590	1190	0109	0034
	0223	0431	0062	
Blue Sky	0065	0237	0376	0100
	0380	0306	0028	0670
Bondstec	0048	0100		
Brandt	0069	0215	0325	0234
	0348	0349	0521	
Brandt				
Electronique	0069			
Brinkmann	0237	0376		
Broksonic	0376	0237		
Bush	0100	0306	0343	0237
	0380	0028	0376	0109
	0670			
Calix	0065			
Capehart	0048			
Carena	0237	0109		
Carrefour	0073			
Carver	0109			
Casio	0028			
Cathay	0306			
Catron	0048			
CCE	0100	0306		
CGE	0069	0028		
Cimline	0100	0237		
Cineral	0306			
Citizen	0065	0306		
Clatronic	0048	0100	0028	
Colt	0100			
Combitech	0380			
Condor	0048	0306		
Craig	0065	0075	0100	0268
Crown	0065	0306	0100	0048
	0350			
Curtis Mathes	0069			
Cybernex	0268			
Cyrus	0109			
Daewoo	0306	0048	0670	0073
	0665	0074	0237	0376
	0380			
Dansai	0100	0306		
Dantax	0380			
Daytron	0306	0048		
de Graaf	0070	0194	0109	0132
	0076	0074		
Decca	0028	0069	0109	0036
	0095	0376	0237	0380
Deitron	0306			
Denko	0100			
Denon	0070			
Diamant	0065			
Domland	0237			
DSE	0670			
Dual	0069	0109	0306	0028
	0376			
Dumont	0028	0109	0132	
Dynatech	0028			
Elbe	0306	0066		
Elcatech	0100			
Electrohome	0065			
Electroponic	0065			
Elin	0268			
Elsay	0100			
Elta	0100	0306		
Emerex	0060			
Emerson	0028	0100	0065	0073
	0064	0071	0116	0237
	0306			
ESC	0306	0268	0048	
Etzuko	0100			
EuroLine	0376			
Europhon	0048			
Fenner	0048			
Ferguson	0135	0069	0348	0349
	0081	0521	0028	0306
Fidelity	0028	0100	0353	0268
	0460	0380		

Finlandia	0132	0109	0070	0194
	0028	0076	0412	0035
	0065	0071	0074	0134
Finlux	0028	0109	0132	0070
Firstline	0100	0237	0376	0071
	0065	0073	0070	0116
	0306			
Fisher	0075	0132	0074	0066
	0048			
Flint	0237	0376		
Frontech	0048	0350	0100	
Fuji	0061			
Fujitsu	0028			
Fujitsu General	0065			
Funai	0028			
Galaxi	0028			
Galaxis	0306			
Garrard	0028			
GBC	0048			
GE	0348	0076	0268	
GEC	0109			
General	0048			
General Electric	0065			
General Technic	0376			
Genexxa	0132			
Go Video	0460			
Goldhand	0100			
GoldStar	0065	0066	0028	
Goodmans	0028	0100	0268	0306
	0065	0048	0109	0376
	0237	0431	0665	0380
	0670			
GPX	0065			
Gradiente	0028	0036		
Graetz	0069	0132	0268	
Granada	0132	0074	0076	0109
	0034	0268	0065	0070
	0028	1190		
Grandin	0100	0065	0048	0028
	0306	0237		
Grundig	0035	0268	0223	0109
	0375	0377	0034	0431
	0348	0376	0235	0100
	1190	0237	0380	0062
Haaz	0376	0237		
Hanimex	0380			
Hanseatic	0065	0237	0306	0109
	0066			
Hantor	0048			
Harley Davidson	0028			
Harman/Kardon	0066	0109		
Harwood	0100			
HCM	0100	0350		
Headquarter	0074			
HI-Q	0075			
Hinari	0032	0100	0237	0380
	0069	0350	0116	0306
	0268			
Hisawa	0237	0380		
Hischito	0073			
Hitachi	0070	0117	0194	0069
	0028	0268	0109	0032
	0132	0431	0412	
Höher	0306	0670		
Hornophon	0109			
Hughes				
Network Systems	0070			
Hypson	0100	0237	0306	0380
	0028	0065		
Impego	0048			
Imperial	0028	0268		
Ingersoll	0032	0237	0268	
Inno Hit	0048	0268	0306	0350
	0100			
Interbuy	0065	0100		
Interfunk	0109	0132		
Internal	0306	0665		
International	0306	0065		

Intervision	0028	0306	0065	0237
	0376			
Irrradio	0100	0065	0109	
ITT	0134	0069	0074	0412
	0132	0268		
ITT Nokia	0076			
ITV	0306	0065	0048	
Jensen	0069			
JMB	0237	0380	0376	
Joyce	0028			
JVC	0069	0095	0036	0412
	0234	0235	0514	
Kaisui	0100			
Kambrook	0065			
Karcher	0306			
KEC	0065	0306		
Kendo	0134	0237	0343	0081
	0376	0100	0065	0306
Kenwood	0069	0066	0074	0095
	0412			
KIC	0028			
Kimari	0075			
Kioto	0376			
KLH	0100			
Kneissel	0380	0237	0376	0065
	0306			
Kodak	0065			
Kolster	0237	0376		
Korpel	0100			
Kuba	0075			
Kuba Electronic	0075			
Kuwa	1190			
Kyoto	0100			
Lenco	0306			
Leyco	0100	0116		
LG	0065	0028	0306	
Lifetec	0237	0376		
Lloyd's	0028			
Loewe	0109	1590	1190	0034
	0065	0032		
Logik	0032	0268	0100	0134
	0237			
Lumatron	0306			
Lux May	0100			
Luxor	0134	0074	0071	0100
	0132	0075	0076	0343
LXI	0065			
Magnasonic	0306			
Magnavox	0109	0431	0028	0670
Magnin	0268			
Magnum	0670			
Manesth	0100	0073	0109	0237
Marantz	0109	0066	0034	0237
Mark	0306	0048	0028	
Marquant	0350			
Marta	0065			
Mastec	0670			
Master's	0306			
Matsui	0237	0032	0376	0064
	0065	0116	0268	0380
	0360	0028		
Mediator	0109			
Medion	0237	0376	0380	
Melectronic	0028	0065	0066	
Memorex	0132	0028	0074	0065
	0335	0076	0376	0075
	0237	1190	0268	
Memphis	0100			
Mercury	0048			
Metronic	0109			
Metz	1590	1190	0375	0223
	0109	0034	0065	0864
	0865			
MGA	0071	0268		
MGN Technology	0268			
Micormay	0376			
Micromaxx	0237	0376		
Migros	0028			

Minerva	0223	0034		
Minolta	0070			
Mitsubishi	0071	0095	0109	0028
	0076	0670		
Motorola	0076			
MTC	0268	0028		
Multitec	0065			
Multitech	0028	0100	0048	0132
	0350			
Murphy	0028			
Myryad	0109			
NAD	0132			
Naiko	0670			
National	1590	1190		
Nebula				
Electronics	0061			
NEC	0069	0066	0095	0132
	0065	0306		
Neckermann	0069	0034	0109	
Nesco	0100	0028	0380	
Neufunk	0237	0065		
Nikkai	0048	0100	0306	
Nikko	0065			
Nikon	0062			
Noblex	0268			
Nokia	0132	0134	0343	0069
	0306	0074	0268	0076
	0070	0109	0064	
Nordmende	0069	0325	0412	0348
	0349	0215	0235	0522
	0556	0095	0521	
NU-TEC	0237	0376		
Oceanic	0028	0076	0134	0109
	0132	0069	0074	
Okano	0343	0237	0376	0100
	0350	0306		
Onimax	0670			
Onkyo	0250			
Optimus	0065	0076	0132	0460
	1190			
Orbit	0100			
Orion	0237	0032	0064	0116
	0380	0376	0377	
Orson	0028			
Osaki	0028	0065	0100	
Osume	0100			
Otake	0237			
Otto Versand	0109			
Pace	0380			
Pacific	0028			
Palladium	0100	0343	0065	0069
	0034	0237	0032	0268
	0376	0460		
Palsonic	0100	0028	0670	
Panasonic	1590	1190	0864	0865
Pathe Cinema	0064	0032	0071	
Pathe Marconi	0069			
Penney	0065	0066	0070	0268
Pentax	0070			
Perdio	0028	0237		
Philco	0066	0100	0237	
Philips	0109	0431	0034	0412
Phoenix	0306			
Phonola	0109			
Pilot	0065			
Pioneer	0095	0109	0070	
Portland	0048	0306	0665	
Prinz	0028	0116		
Profex	0350			
Profitronic	0109	0268		
Proline	0028	0306	0348	0670
	0349			
Proscio	0306			
Prosonic	0237	0306	0028	
Protech	0100	0109	0306	
Provision	0306			
Pye	0109	0028		
Quarter	0074			

Quartz	0074			
Quasar	0306	1190		
Quelle	0034	0109		
Radialva	0065	0100	0109	0076
Radiola	0109			
Radionette	0065			
RadioShack	0028			
Radix	0065			
Randex	0065			
Rank	0069			
Rank Arena	0069			
RCA	0134	0070	0076	0348
	0268			
Realistic	0028	0065	0074	0075
	0076	0132		
Reoc	0237	0376	0665	0306
Rex	0069	0412		
RFT	0048	0431	0100	
Ricoh	0062			
Roadstar	0268	0100	0065	0306
	0109			
Royal	0350	0100		
Saba	0069	0215	0325	0234
	0235	0348	0349	0412
	0522	0608	0306	0558
Saisho	0032	0237	0064	0116
	0376			
Salora	0074	0071	0134	0132
Samsung	0268	0460	0073	0081
Samurai	0048			
Sanky	0076			
Sansei	0076			
Sansui	0069	0095	0028	0134
	0237	0100	0350	0376
Sanwa	0032			
Sanyo	0132	0187	0074	0268
	0075	0076	0095	
Saville	0380	0306	0268	
SBR	0109			
ScanSonic	0268			
Schaub Lorenz	0069	0132	0028	0134
	0343			
Schneider	0100	0028	0065	0109
	0306	0268	0070	0380
	0670			
Scott	0071	0073		
Sears	0028	0065	0070	0074
	0075	0132		
Seaway	0306			
SEG	0100	0268	0350	0306
	0670	0109	0665	
SEI	0032	0109		
Sei-Sinudyne	0032	0109		
Seleco	0069	0036	0412	0048
	0065			
Semivox	0073	0237		
Semp	0073			
Sentra	0100	0048		
Setron	0100			
Sharp	0076	0065		
Shintom	0100	0132		
Shivaki	0065			
Shogun	0268			
Shorai	0116	0032		
Siemens	0223	0034	0065	0132
	0035	0109	0348	0375
Siera	0109			
Silva	0065			
Silver	0306			
Singer	0376	0073	0100	
Sinudyne	0032	0109	0237	0380
Smaragd	0376			
Solavox	0048			
Sonitron	0075			
Sonneclair	0100			
Sonoko	0306			
Sonolor	0076	0074		
Sontec	0065	0306		

Sonwa	0670			
Sony	0060	0061	0028	0062
	0134	1060		
Soundwave	0065	0237	0376	
Ssangyong	0100			
Standard	0306			
Starlite	0065	0132		
Stern	0306			
STS	0070			
Sunkai	0237	0376	0306	
Sunstar	0028			
Suntronic	0028			
Sunwood	0100			
Supra	0065	0268	0376	
Sylvania	0028	0071	0109	
Symphonic	0028	0100		
T+A	1190			
Taisho	0032	0237	0116	
Tandberg	0306			
Tandy	0028	0132		
Tashiko	0028	0076	0268	0109
	0065			
Tatung	0028	0069	0109	0081
	0076	0071	0237	0376
	0380			
Tchibo	0376			
TCM	0376			
Teac	0069	0100	0028	0306
	0670	0065	0109	0431
	0335	0665		
TEC	0048	0306	0100	
Tech Line	0100			
Technics	1190			
TechniSat	0376	0237		
Tedalex	0065	0376	0670	
Teknika	0028	0065		
Teleavia	0069	0215	0521	
Telefunken	0215	0670	0069	0237
	0325	0348	0349	0412
	0521	0522	0557	0558
	0306	0608	0234	
Telestar	0065			
Teletech	0350	0100	0306	0028
Tempest	0048			
Tenosal	0100			
Tensai	0028	0350	0065	0100
	0032	0306		
Tevion	0376	0670	0237	
Textet	0306	0048		
Thomas	0028			
Thomson	0348	0750	0349	0069
	0095	0412	0234	0521
	0522	0556	0306	
Thorn	0069	0132	0065	0064
Thorn-Ferguson	0135	0348		
TMK	0064	0268		
Tokai	0100	0065	0069	0132
Tokiwa	0100			
Topline	0376			
Toshiba	0071	0073	0069	0412
	0109	0431	0380	
Totevision	0065	0268		
Towada	0350	0100		
Tradex	0109			
Trakton	0048			
Tredex	0306			
Triad	0306			
TVA	0048			
Uher	0065	0268		
Ultravox	0306			
Unitech	0268			
United	0376			
United Quick Star	0306			
Universum	0028	0353	0109	0268
	0065	0134	0376	0223
	0034	0237	0350	0431
	0132			
Vector	0073			

Vector Research	0066			
Victor	0036	0095	0069	0412
Video Concepts	0073			
Video Pro	0048			
Video Technic	0028			
VideoPro	0048			
Videosonic	0268			
Wards	0028	0070	0075	0076
	0100	0109	0268	
Watson	0109	0380	0306	0670
Weltblick	0065			
Wharfedale	0670			
White				
Westinghouse	0100	0237	0306	
World	0376			
XR-1000	0028	0100		
Yamaha	0066	0069		
Yamishi	0100	0306		
Yokan	0100			
Yoko	0065	0100	0048	0268
Yoshita	0100			
Zenith	0028	0665	0061	0062
	0237			
ZX	0237	0376	0380	

SAT Codes

Foxtel	1384
Pace	1384
UEC	1384

AMP Codes

Acoustic Solutions	1494			
Bush	1302			
CAT	1275			
Curtis Mathes	0328			
Denon	0300			
GoldStar	1136			
Goodmans	1302			
HiTo	1275			
JBL	1031			
Lenoxx	1615			
Lexia	1302			
LG	1136			
Marantz	0349			
Mark	1031			
Nakamichi	0349			
Nikko	1275			
Optimus	0328	0041		
Pioneer	0041	0328		
RCA	0328			
Roadstar	1302	1275		
Sansui	0349	1358		
Schneider	1275			
SEG	1302			
Sony	0717			
Soundesign	1275			
Teac	1136	1302		
Voxson	1616			
Wards	0041			
WaveMaster	1136			
XMS	1494	1275		
Yamaha	0382			
Yorx	1275			

TUNER Codes

AEG	1418			
Aiwa	0149	1271	1433	1086
	1186	1286		
Akai	1283	0143	0468	0637
	1248	1418	1206	
All-Tel	1418			

Amstrad	0772			
Anam	0140	0637		
Apex Digital	1285			
Arcam	1117	1217	1297	1317
Audiolab	1117	1217	1297	1317
	1220			
Audiosonic	0621			
Audiovox	1418			
Audioworld	1418			
Balanced Audio				
Technology	1117	1217	1297	1317
Bang & Olufsen	0827			
Basic Line	1582			
Blue Sky	1153			
Bush	1117	1217	1297	1317
	1306	0825		
Cambridge Audio	1217			
Carver	0388	1117	1217	
Centrex	1285			
Centrum	1248	1582		
Clatronic	1248	0772	0825	
Copland	1117	1217	1297	1317
Cosmotron	0825			
Daewoo	1206			
Denon	1170	1388	1132	1488
	0414			
Digitrex	1285			
DiK	0825			
DMTECH	1418			
Dual	1248	1418		
eBench	0772	0825		
Elta	0772	0825	1418	
Eroica	0468			
Fisher	0388	1829	0770	
Garrard	0468	0491	0772	
Genexxa	0214	0468		
Goldmund	1117	1217	1220	1297
	1317			
GoldStar	0140			
Goodmans	0621	0637	0772	0468
	0775	0825	1206	1153
	1227			
GPX	0772	1555		
Grundig	1117	1217	1220	1297
	1317	0772	0877	1255
	1153	1372	0825	
Grunkel	0772			
GTX	0140			
Hanseatic	1418			
Harman/Kardon	0138	1332	1338	1117
	1217	1220	1297	1317
Harwood	0772			
HCM	1418			
Hitachi	1301	0414	1829	1372
	1248	1582		
Hitech	0772			
Höher	1285			
Integel	0055	0519	0530	
Integra	0163	1348		
Intersound	0772			
JBL	0138			
Jensen	0782			
JVC	0102	0492	1402	1227
	1228	1523		
Kenwood	1055	1341	1597	1598
	0055	0214	1309	
Kioto	0825			
KLH	1418			
Kompernaß	0825			
Koss	0772			
Kycho	0621			
Kycho Japan	0621			
Lifetec	0825			
Linn	1117	1217	1220	1297
	1317			
Loewe	1117	1217	1220	1297
	1317			
Luxman	0491			

LXI	0772			
Magnavox	1117	1217	1297	
Marantz	1117	0067	1217	1220
	1297	1317		
Mark	1117	1217	1297	1317
Matsui	0825	0775	0772	
MCS	0067			
Medion	0825			
MEI	1418			
Melectronic	0140	0637		
Meridian	1117	1217	1297	1317
Micromega	1117	1217	1220	1297
	1317			
Microstar	0825			
Mitsubishi	0468			
Mx Onda	0772	0825		
Myryad	1217	1117	1220	1297
	1317			
NAD	0348	0637		
Naim	1117	1217	1297	1317
Nikkei	0772			
Nikko	0637			
NTDE	0772			
NTDE Geniesom	0772			
Okano	0468	0637		
Onkyo	0163	1348		
Optimus	0214	0468	0772	0782
	0825	0877	1051	1102
Orient Power	0772			
Orion	0491			
Palladium	0825	1248		
Panasonic	1316	1336	1378	1337
	1344	1791	1546	1793
	0067	1792	1794	
Philco	1418			
Philips	1217	1297	1117	1396
	1317	1294		
Phonotrend	0530			
Pioneer	0317	1051	0214	1151
	1212	1117	1217	1297
	1317	1312	1412	1487
	1651			
Polk Audio	1317			
Prima Electronic	0825			
Proline	0825	1418		
Proson	0637			
Quad	1117	1217	1297	1317
Quasar	0067			
Quelle	1206			
Radiola	1117	1217	1297	1317
RadioShack	0772			
RCA	0388	1418	1487	
Recco	0825			
Revox	1117	1217	1220	1297
	1317	0214		
Revoy	1117	1217	1297	1317
Roadstar	0775	0825		
Samsung	0140	1227	1309	1452
Sansui	1117	0637	1042	0621
	1357	1352		
Sanyo	1279	0388	0770	1829
	0772			
Schneider	0138	0772	1418	1206
	1227	1248		
SEG	1582			
Sharp	0214			
Sherman	1352			
Sherwood	0530	0519		
Siemens	0637	0621		
Singer	1548			
Sony	1186	1286	1886	1786
	1787	1086	1686	0825
	1486	1482	1586	
Soundwave	0637			
Starlight	0825			
Sunfire	1341			
TaeKwang	0468			
Tag McLaren	1217			

TCM	0825			
Teac	0140	1227	0825	0898
	0415	1102	1300	0637
	1306	0491	0621	0138
	0772	0775	0782	1418
	0877	1453	1153	1507
	1206	1307	1247	1309
	1250	1293	1251	1299
	1254	1255	1256	1268
	1491	1556	1295	
Technics	1336	1337	1791	1546
	0067	1793	1792	1794
	1316	1344		
Techwood	0637			
Telefunken	1599			
Tevion	1453			
Thomson	1382			
Thorens	1217	1117	1297	1317
	1220			
Thorn	0772			
United	1418			
Universum	0140	1206	1248	1453
	0825	0637	1418	0772
	0782	0468	1117	1217
	1297	1317	1220	
Venturer	1153	1418	0877	
Victor	0102			
Vorx	1555			
Watson	0825			
Welltech	0825			
Wharfedale	0468	0637	1418	
Yamaha	0204	1204	1404	1304
	0214			
Zenith	0772			

DVD Codes

3DLAB	0567			
A-Trend	0742			
Acoustic Solutions	0758	0741		
Adcom	1122			
Advent	1044			
AEG	0816	0798	0818	
Afreedy	0726			
Aim	0727	0806		
Airis	0700	1033		
Aiwa	0669	0723	1940	0897
	0561			
Akai	0818	2003	0807	0927
	0798	0816	0926	0794
	0718	0744	0912	0741
	0880	0733	1111	0639
	1117	1723		
Akashi	0866			
AKI	0881	0746	0808	
Akira	0727	0806		
Akura	0926	1079	1168	
Alba	0745	0727	0741	0751
	0761	0723	0758	0811
	0567	0700	1168	1079
Albatros	1128	1057	1029	
All-Tel	0818	0740		
Amelia	1066			
Amitech	0812	0798	0878	
Amoi	0880			
Amoisonic	0792	0863		
Amstrad	0741			
AMW	0900			
Anaba	0841			
Anam	1941			
Ansonic	0802	0787	0859	
Apex Digital	0700	0783	0823	0884
	0822	0827	0858	0824
	1128	1943	0825	1084
	1965	0745	1032	1089
	1048			
Arcam	0760			

Arena	0880			
Aria	0921			
Arianet	0921			
Ariston	0701			
Ariston Acoustics	0701			
ATD	0746	0909		
Audiologic	0764			
Audiosonic	0718	1951		
Audiovox	0818	1100	0745	1069
	1099	1149	1150	
Audioworld	0818			
Audix	1111	1132		
Auvio	0871			
AWA	0758	0900		
Axion	0758	1099	1100	
B & K	0683	0690		
Baier	0780			
Bang & Olufsen	1053			
Basic Line	0741			
Baze	0926	0700		
BBK	0890	0891		
Bellagio	0900			
Belson	1951			
Best Buy	0885	1117		
Binatone	1951			
Black Diamond	0741	0794	0912	0861
Blaupunkt	0745			
Blue Parade	0599			
Blue Sky	0727	0723	0741	0832
	0700	0871	0806	0679
	0797			
Boghe	1032			
Boman	0811	0816	0926	
Boss Audio				
Systems	1121			
Bosston	0805			
Brainwave	0798			
Brandt	0679	0579	0531	
Britannia	0774			
Broksonic	0723	0896		
Bush	0741	0723	0861	1723
	0758	0859	0727	0718
	0717	0745	0806	0544
	0704	0839	0802	0846
	0907	0912	0751	0546
	0826	0796		
C-Tech				
California				
Audio Labs	0676			
Cambridge				
Audio	0779	0724		
Cambridge				
Soundworks	1944	0718	0724	
Casio	0540			
CAT	0727	0814	0817	0815
	1043			
CAVS	1085			
CCE	1945			
Celestial	0700	1048	1967	
Centrex	0700	1032	1943	
Centrum	0741	0817	0807	0921
	1033			
CGV	0761	0798	0779	
Cinea	0869			
Cineral	0758			
Cinetec	0741	0900		
cineULTRA	0727			
CineVision	0904	0897	0861	
Cirrus	0728			
Clarion	0919	0920	1067	
Classic	0758	1945		
Clatronic	0816	0807	0846	0700
Clayton	0741			
Coby	0806	1135	0758	
Compacts	0854			
Conia	0880	0792	0544	0863
	0700	1153		
Contel	0816			

Continental				
Edison	0900	0859	0802	
Craig	0859			
Crown	0798	0797	0679	0718
Crypto	0910			
Curtis Mathes	1115			
Cybercom	0802	0859		
CyberHome	0742	1047	0844	1051
	1145	0902	1052	
Cyductin	1102			
Cyrus	1040			
Cytron	0744	0679	0733	0802
	0859			
Daenyx	0900			
Daewoo	0798	0812	0860	0861
	0897	0733	0742	1946
	0898	0900		
Daewoo				
International	0806	0900	0727	
Dalton	0814	1064		
Dansai	0798	0775	0811	
Dantax	0751	0723	1117	
Daytek	0900	1033		
Dayton	0900			
Daytron	1068			
DCE	0859	0802		
DEC	0806	0727	0846	
Decca	0798			
Denon	0518	0662	1662	
Denver	0806	0727	0816	0926
	0846	1111	1135	1951
Denzel	0693			
Desay	0828			
Diamond	0679	0796	0779	0806
	0751			
Digatron	1037			
Digihome	0741			
digiRED	0745			
Digital i	0921			
Digitor	0718	1033		
Digitrex	0700	1943	1128	0823
	1084	1032		
	0802	0859		
DiK	0816			
Dinamic	0816			
DiViDo	0733			
DK digital	0859	0802	0868	
DL	0881			
DMTECH	0811	0818		
Dragon	0859	0802		
DSE	0861			
DTS	0827			
Dual	0859	1096	0741	1113
	0693	0679	0758	0811
	0807	0818	0802	
Durabrand	1031	0859	0802	
DVD2000	0549			
DVX	0546	0796		
E-Boda	0751			
EagleTec	0742			
Easy Home	0885			
Eclipse	0751	0779		
Electrohome	0798	0812		
Elfunk	0878			
Elin	0798			
Ellion	0878			
Elta	0718	0798	0816	0818
Eltax	0794			
Emerson	0619	0849	0733	
Encore	0726			
Enterprise	0619			
Enzer	0693	0729	0812	0794
EuroLine	0816	1111		
Fahrenheit	0918	0915	1094	1082
Fenner	1057			
Ferguson	0679			
Finlux	0769	0798	0704	0811
	0619	0700	0779	
Fintec	0741	0812		

Firstline	0827	0897	0679
Fisher	0698	1947	
Force	0862		
Fujilink	0883		
Fun TV	1083		
Funai	0723	0703	
Gateway	1101	1105	
GE	0745	0843	
General Electric	0745		
Genica	0778		
Germatic	1079		
Global Solutions	0796		
Global Sphere	0796		
Go Video	0811	0772	1127 0743
	1072	0897	1103 0861
GoldStar	0619	0769	
Goodmans	0741	1032	0751 0779
	0811	0758	0679 0818
	0718	0846	0907 0861
	1168		
GP Audio	1168		
GPX	0679	0797	0727
Gradiente	0679		
Graetz	0693		
Gran Prix	0802	0859	
Grandin	0744	0700	
Greenhill	0745		
Grundig	0723	0733	0803 0567
	0679	0818	0729 0741
	0698	0714	0751 1723
	1032	1948	
Grunkel	0798	1184	
H&B	0846	0741	0869 0878
Haaz	0796	0779	
Haier	0871		
Hanseatic	0769	0811	0818
Harman/Kardon	0730	0610	
Haus	0877	0814	
HCM	0816		
HDT	0733		
HE	0758		
Henß	0741		
Hermosa Cysware	1057		
Himage	0853	0546	1117
HiMAX	0885	1134	0871
Hitachi	0692	0723	0807 1947
	1948	0693	0601 0885
	0741		
Hiteker	0700		
Höher	0854	0859	0802
Home Electronics	0758		
Honda	1142		
Hoyo	0771		
Hypson	0701		
Hyundai	0811	1046	0878 1184
	0794	1089	
i2DVD	0735		
Ingelen	0816		
Initial	1959	0867	
Integra	1640	0655	
IRT	0811		
ISP	0723		
Jaton	0693	1106	
JBL	0730	1949	1954
JDB	0758		
Jeken	0727	0806	
Jensen	1044		
Jeutech	0805		
Jindian	0827		
JMB	0723		
JNC	0700		
JNL	0763		
Jocel	0808		
Joytech	1062		
JVC	0651	0586	1929 1968
	0567	0531	0666 0895
jWIN	1077	1079	
Kansai	1135		

Karcher	0811		
Kendo	0727	0741	0859
Kennex	0798	0868	0741 0926
Kenwood	0562	0710	0765 0518
	1091		
KeyPlug	0798		
Kiirro	0746	0798	0808 0881
King DHome	0827		
Kingavon	0846		
Kiss	0869	0693	
KLH	1967	0818	
KLH Digital	0745		
Koda	0846		
Konka	0739	0747	0748 0749
Koss	0679		
Kotron	0879		
KXD	0885		
Labway	0737	0559	
Lasonic	0771	0826	
Lawson	0733	0744	0796
Lecson	0724	0775	
Lenco	0727	0802	0679 0798
	0806	0846	0741 1057
	0859		
Lenoxx	0847	1966	0718 0866
Lenoxx Sound	1966		
Lexia	0727		
LG	0619	0769	0829 0599
	1934	0897	
Lifetec	0679	0802	0859
Limit	0744	0796	
Linn	1955		
LiteOn	1086		
Lodos	0741		
Loewe	0539	0567	1950 0769
LogicLab	0796		
Logix	0733	0811	
Lumatron	0733	0752	0769 0861
	0741	0758	0926
Luxman	0601		
Luxor	1032	0741	0758
Magnasonic	0679	0797	
Magnavox	0531	0703	0846 1168
	2004	0567	0849 0741
Magnex	0751		
Majestic	1135		
Malata	0810		
Manhattan	0733	0741	
Marantz	0567		
Mark	0752	0741	0723 1723
	0912		
Marquant	0798		
Mastec	1034		
Matsui	0679	0741	0700 0723
	0912		
Maxdorf	0816		
Maxim	0853	0741	
MBO	0718	0758	1057 1945
MDS	0727	0806	
Mecotek	0798		
Mediencom	0801	0774	0881
Medion	0859	0802	0811 0679
	0744	0786	0907 0658
MEI	0818		
Memorex	0802	0859	
Memory	1111	0758	1079
Metz	0599	0553	0741
MiCO	0751	0779	
Microboss	0746		
Micromaxx	1723	0723	
Micromedia	0531	0567	
Micromega	0567		
Microsoft	0550		
Microstar	0859	0802	
Minato	0780		
Minax	0741		
Minerva	0733		
Minix	1141		

Minoka	0798			
Minowa	0740			
Mintek	0745	0867		
Mirror	0907	0780		
Mitsubishi	0549	0741	1549	
MixSonic	1158			
Mizuda	0846	0885		
Mobil Authority	0840			
Momitsu	1110			
Monyka	0693			
MP	0871			
mp man	1047			
MPX	0871			
Mustek	0758	1945		
Mx Onda	0679	0779	0751	
Mystral	0859	0802	1184	
NAD	0720	0732	0769	
Naiko	0798	1032		
Nakamichi	0639			
NEC	0813	0897	0720	0619
	1946			
NeoXeo	0854			
Nesa	0745			
Neufunk	0693			
Nevir	0859	0798	0802	
NextBase	0854			
Nfren	0854			
Nikenny	1117			
Nikkai	1951			
Nintaus	0821	1079		
Nissho Iwai	1083			
Norcent	1031	1931	0923	1951
Nordmende	0802	0859		
Noriko	0780			
Nowa	0871			
NU-TEC	0544			
Okano	0780			
Omni	0726	0774	0868	0718
	0911	0727	0806	0861
	1093	1132		
Onix	0866			
Onkyo	0655	0820	0531	1640
	1952			
Optim	0775	0871		
Optimus	0599	0553		
Optiview	0841			
OptoMedia	0924			
Orava	0846			
Orbit	0900			
Orion	0723	1156	1723	1034
Oritron	0679	1028		
OTIC	0854			
P&B	0846			
Pacific	0796	0818	0787	0832
	0802	0741	0859	
Palladium	0723	0807		
Palsonic	0717	0863	0880	0700
	1084			
Panasonic	0518	0660	0852	1936
	1390	1933	1490	1518
	1790	1935	1937	1938
	1953	1038	1039	
Panda	0745	0811		
Papouw	0561			
peeKTON	1068	0926		
Philco	0718	0761	0751	0890
	0816	0818		
Philips	0567	1567	0674	0882
	0913	0531	1942	1939
	0703			
Phonotrend	0727			
Pioneer	0599	1087	0659	1993
	0660	0553	0666	1928
	1930			
Plu2	0878			
Pointer	0798	0812		
Polaroid	1114	1089	1048	
Polk Audio	0567			

Portland	0718	0798		
Powerpoint	0881	0900	0786	0808
	0746			
Prima	0794	1044		
Prima Electronic	0794			
Primare	0914			
Princeton	0702	0709		
Prinz	0859	0802		
Prism	1034			
Prodisma	0881			
Proline	0679	0714	0700	0818
	1032	0861	1943	1096
	0738			
Proscan	0550			
Proson	0741			
Prosonic	0727	1135	0780	1951
Proview	1070			
Provision	0727	0846		
Pyle	1037			
QONIX	0806			
Qwestar	0679			
Radionette	0769	0897	1934	
Raite	0693			
Rank Arena	0808	0746		
RCA	0550	0797	1050	2002
	0679	0850	0818	1941
	1993			
REALmagic	0702			
REC	0717	0794	0518	0774
Recco	0726			
Red Star	0787	0776	0791	0798
	0816	0926	0833	0834
	1031	1068	1951	1135
	1966			
Regent	0796	0780	0903	
Reoc	0727	0869		
Revoy	0866			
Rex	0897			
Rio Audio	0727	0718	0717	0741
Roadstar	0846	1067	0758	1079
	0926	0861		
Ronin	0900	0738		
Rotel	0651	0893	0586	
Rowa	0851	0787	1032	0544
	0553	0745		
Rownsonic	0817	0751		
Saba	0679	0797	0579	
Sabaki	0826	0796		
Saivod	0787	0859	0802	0798
Salora	0769			
Sampo	0726	0780		
Samsung	0601	0927	0772	1103
	1072	1960	1956	0848
	1964	0518		
Sansui	0723	0744	0796	0812
	0751	0798	0779	1961
	0879	1723		
Sanyo	0698	0901	0723	1995
	0818	1947	0924	0741
SAST	0834			
Scan	0733	0863	0878	
ScanMagic	0758			
ScanSonic	0885			
SCE	0817			
Schaub Lorenz	0816	0798		
Schneider	0811	0859	0807	0733
	0832	0816	0741	0679
	0818	0802		
Schwaiger	0780			
Scientific Labs	0796			
Scott	0746	0808	0679	0700
	0909	0881	1064	
SEG	0693	0741	0796	0826
	0912	0900	0791	
Semp	0531			
Shanghai	0700			
Sharp	0658	0780	0741	0723
Sharper Image	1145			

Sherman	1961			
Sherwood	0661	0745	0769	1105
	1071			
Shinco	0745			
Shinsonic	0867	1959		
Sigma Designs	0702			
Sigmathek	0885			
Silva	0816	0926	0859	0802
Silva Schneider	0802	0859	1934	
Singer	0718	0744	0751	0779
	0796			
Sinotec	0792			
Skantic	1031			
Skymaster	0758	0796		
Skysonic	0794			
Skyworth	0926	0794		
Slim Art	0798	0812		
Slim Devices	0561			
SM Electronic	0758	0796	0718	
Smart	0746	0733	0741	
SMC	0839			
Sogo	0881			
Sonai	0783			
Sonashi	0744	0859	0802	
Sonic Blue	0897			
Soniko	0816			
Sontech	1184			
Sony	0561	0892	1661	1561
	1061	1097	1098	1123
	1931	1962	1161	0601
	1932			
Soundmaster	0796			
Soundmax	0796			
Soundwave	0811			
Spectra	0900			
Standard	0679	0796	0816	0859
	0802	0926		
Star Cluster	0796			
Star Clusters	0796			
StarLogic	1033			
Starmedia	0846	0921	1046	0909
	1033			
Stevison	0704			
Strong	0741			
Sunfly	0885			
Sungale	1102			
Sunkai	0798	0878		
Sunwood	0816			
Superb	0883			
Supervision	0758	0796		
SVA	0700	0888	0780	1133
	0745			
Sylvania	0703	0849	0658	
Symphonic	0703			
Synn	0796			
T.D.E. Systems	1184			
Tag McLaren	0922			
Tandberg	0741	1723		
Targa	0769			
Tatung	0798	0799		
Teac	0745	0769	0837	0544
	0599	0720	0796	0619
	0786	0787	1034	0763
	0818	1957	1958	1963
	0861	1964		
TEC	0926			
Technics	0518	1518	1933	1935
	1936	1937	1938	1953
Technika	0798	0859	0802	
Technosonic	1079			
Techwood	0720	0741	0567	
Tedalex	0718			
Telefunken	0818	1111	0817	0816
	2033			
Teletech	0741			
Telra	0704			
Tensai	0718	0679	0798	
Terapin	1059			

TerraTec	0853			
Tevision	0679	1064	0826	0796
	1957	0861		
Thakral	0729			
Theta Digital	0599			
Thomson	0579	0550		
Thule Audio	1035			
Tokai	0693	0926	0726	0816
	0812			
Tokaido	0726			
Tokiwa	0733	0744		
Tom-Tec	0817			
Tongtel	0792			
Toshiba	0531	0723	0786	1073
Trans Continens	0854			
TRANS-continents	0900	0854	0859	0802
Transonic	0700			
Tredex	0827	0828	0871	0831
	0832			
Trio	0798			
TruVision	0885			
TView	0841			
TYT	0733			
Umax	0559	0718		
United	0816	0758	1111	0818
	0700	0723	0727	0796
Universal				
Multimedia	0796			
Universum	0769	0741	0619	0807
	1946	1941	0818	
Uptek	0791			
Urban Concepts	0531			
V	1092			
Venturer	0818			
Vestel	0741			
Vieta	0733			
Viewmaster	0890	1166		
Vizio	1092			
Vocopro	1055			
Voxson	0802	0758	0859	0718
	1148			
VTrek	0910			
Waitec	1945			
Walkvision	0745	1067		
Welkin	0802	0859		
Wellington	0741			
Weltstar	0741			
Wesder	0727			
Wharfedale	0714	0796	0724	0726
	0751	0779	0780	
Wilson	0859	0802		
Windy Sam	0601			
Wintel	0805	1158		
Woxter	0909			
XBox	0550			
XLogic	0909	0798	0796	0826
XMS	0816	0717	1717	1216
	0798			
Xoro	0857	0834		
Xwave	0737	1029	0559	
Yakumo	1032	1084		
Yamada	1032	0900	1084	
Yamaha	0567	0674	0845	0518
	0573			
Yamakawa	0693	0738	0793	0900
	1132			
Yelo	0746	0808		
Yukai	0758	1945		
Zenith	0531	0897	0619	0769
Zenix	0877			
Zeus	0879	0812		

Warranty

Universal Electronics B.V. warrants to the original purchaser that this product will be free from defects in materials and workmanship under normal and correct use for a period of one (1) year from the date of original purchase. This product will be replaced free of charge if it has been proven to be defective within the one (1) year warranty period.

This warranty does not cover product parts that are subject to wear, that can be considered as consumable parts by their nature or that are made of glass. Further, this warranty does not cover cartons, carrying cases, batteries, broken or marred cabinets or any other item used in connection with the product.

To obtain warranty service during the warranty period, please contact our customer service. Please notice that we need your purchase receipt so that we may establish your eligibility for service.